

KM26S Custom configuration guide

Magnetic level gauge K-TEK products

Measurement made easy



Features

- Highly visible level indication with no process fluid in contact with the glass
- All construction in-house by code certified welders
- Float designed and weighted for maximum accuracy with 75 grams minimum upward buoyant force
- Transmitter and switch options which can be installed, adjusted and maintained with no process interruption
- Safe for corrosive, flammable, toxic, high-temperature and high-pressure applications
- Rugged design - low or no maintenance

Available materials

- Stainless steel—304/304L, 316/316L, 317/317L, 321, 347, 904
- Alloy 20
- Hastelloy®—B, C-276
- Incoloy® 600, 625, 800, 825
- Titanium
- Teflon® (registered trademark of DuPont) coated stainless steel
- Fiberglass—epoxy or vinyl ester resin
- PVC, CPVC, Kynar®
- Polypropylene
- Zirconium
- Monel
- For other materials consult factory

Process capabilities

- Full vacuum to 5000 PSI / 345 BAR
- -320 to 1000 °F/ -196 to 538 °C
- 0.25 specific gravity
- All liquid viscosities
- Interfaces as Low as .03 ΔSG

Testing and documentation available upon request

- Radiographic examination
- Liquid dye penetrant examination
- Hydrostatic examination
- PMI (Positive Material Identification) material certification
- ASME “U,” “UM,” or “S” stamp
- Third party inspection
- Material Certificates
- ANSI/ASME B31.1, B31.3
- PED certification
- NACE MR0103, NACE MR0175
- Canadian registration number (CRN)
- Marine and industrial type approval for high-pressure boilers
- Mechanical Function Test
- Float Curves (Total Level only)

KM26S Magnetic Level Gauge

Model Number Configuration

KM26S.a.b.c.d.e.f.g.h.i.j.k.l.m.n - *list additional required ordering codes separated by periods*

a Chamber Material - Select from Table 1

b Connection Material - Select from Table 1

Note: When the chamber material selected is a coated option, the connection materials will also have that same coating type applied.

c Top Connection Code Option - Select from Table 2

d Side Connection 1 Code Option - Select from Table 2¹

e Side Connection 2 Code Option - Select from Table 2¹

f Side Connection 3 Code Option - Select from Table 2¹

g Bottom Connection Code Option - Select from Table 2

h Top Connection Size and Rating - Select from Table 3^{2,3,4}

i Side Connection 1 Size and Rating - Select from Table 3^{1,2}

j Side Connection 2 Size and Rating - Select from Table 3^{1,2}

k Side Connection 3 Size and Rating - Select from Table 3^{1,2}

l Bottom Connection Size and Rating - Select from Table 3^{2,3,4}

m Indicator Type

S3P	High Visibility Shuttle with Permanently Sealed Lexan® Tube (250 °F/121 °C max) ^{3,4}
S3G	High Visibility Shuttle with Hermetically Sealed Glass Tube (1000 °F/538 °C max) ^{3,4}
M1P	Yellow/Black MBG with Permanently Sealed Lexan® Tube (250 °F/121 °C max) ^{1,3,4}
M2P	Red/White MBG with Permanently Sealed Lexan® Tube (250 °F/121 °C max) ^{1,3,4}
M3P	Red/Green MBG with Permanently Sealed Lexan® Tube (250 °F/121 °C max) ^{1,3,4}
M4P	Red/Black MBG with Permanently Sealed Lexan® Tube (250 °F/121 °C max) ^{1,3,4}
M1G	Yellow/Black MBG with Hermetically Sealed Glass Tube (650 °F/343 °C max) ^{2,3,4}
M2G	Red/White MBG with Hermetically Sealed Glass Tube (650 °F/343 °C max) ^{2,3,4}
M3G	Red/Green MBG with Hermetically Sealed Glass Tube (650 °F/343 °C max) ^{2,3,4}
M4G	Red/Black MBG with Hermetically Sealed Glass Tube (650 °F/343 °C max) ^{2,3,4}
CM1A	Yellow/Black MBG with Acrylic Frost Extension for -100 °F/-73 °C min; (250 °F/121 °C max) ^{1,3,4}
CM2A	Red/White MBG with Acrylic Frost Extension for -100 °F/-73 °C min; (250 °F/121 °C max) ^{1,3,4}
CM3A	Red/Green MBG with Acrylic Frost Extension for -100 °F/-73 °C min; (250 °F/121 °C max) ^{1,3,4}
CM4A	Red/Black MBG with Acrylic Frost Extension for -100 °F/-73 °C min; (250 °F/121 °C max) ^{1,3,4}
CM1B	Yellow/Black MBG with Acrylic Frost Extension for -200 °F/-129 °C min; (250 °F/121 °C max) ^{1,3,4}
CM2B	Red/White MBG with Acrylic Frost Extension for -200 °F/-129 °C min; (250 °F/121 °C max) ^{1,3,4}
CM3B	Red/Green MBG with Acrylic Frost Extension for -200 °F/-129 °C min; (250 °F/121 °C max) ^{1,3,4}
CM4B	Red/Black MBG with Acrylic Frost Extension for -200 °F/-129 °C min; (250 °F/121 °C max) ^{1,3,4}
CM1C	Yellow/Black MBG with Acrylic Frost Extension for -320 °F/-196 °C min; (250 °F/121 °C max) ^{1,3,4}
CM2C	Red/White MBG with Acrylic Frost Extension for -320 °F/-196 °C min; (250 °F/121 °C max) ^{1,3,4}
CM3C	Red/Green MBG with Acrylic Frost Extension for -320 °F/-196 °C min; (250 °F/121 °C max) ^{1,3,4}
CM4C	Red/Black MBG with Acrylic Frost Extension for -320 °F/-196 °C min; (250 °F/121 °C max) ^{1,3,4}
X	None

Notes:

1. If no side connection is required, put an "X" in the model # as a placeholder
2. "Z" shall be specified for sizes & ratings not listed in table 3.
3. "X" shall be specified for B0, D0, S0, SW0, T0 and W0 code options.
4. Only a size designation (no rating) shall be specified for B1, B10, D1, D10, L1, SW1, SW10, W1, W10, W1E, and W1S code options.

Notes:

5. Add "IH" as an additional ordering code to include insulation pad behind the indicator to increase the temperature rating to 350 °F/177 °C.
6. Add "IHT" as an additional ordering code to include insulation pad and TEMP-COAT® behind the indicator and transmitter / switch if (applicable) to increase the MBG temperature rating to 1000 °F/538 °C. (The "IHT" option is not used when chamber insulation with TEMP-COAT® ordering codes IH2T, IH2DT, IH3T and IH3DT are selected.)
7. Add "D" as a suffix to the indicator type when dual level indication (total and interface) is required.
8. Add "F" as a suffix to the indicator type when "float failure" indication is required.

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Model Number Configuration

n	Indicator Scale/Ruler
X	No indicator channel (must select "X" for Indicator Type)
A	SS channel; no scale ⁴
B	SS channel; SS scale marked in ft / inches with 1/2" divisions (from 0 to 50 ft. standard ^{3,4})
C	SS channel; SS scale marked in meters/centimeters with 1 cm divisions ^{1,3,4}
D	SS channel; SS scale marked in running inches with 1/2" divisions ^{2,3,4}
E	SS channel; SS scale marked in running inches with 1/8" divisions ^{2,3,4}
F	SS channel; custom SS scale (% , gallons, liters, etc.); Provide details of custom scale separate from model #.
HX	SS channel, Dual scale with one standard ruler and one custom ruler (specify on purchase order)
HS	SS channel; Dual scale with two custom rulers (specify on purchase order)

Notes:

- Standard rulers begin with 0 cm but can be specified from -100 cm to 10 meters.
- Standard rulers begin with 0 inches but can be specified from: 1/2" divisions: -48" to 216" OR 1/8" divisions: -48" to 144"
- Custom rulers available (Consult Factory - Choose F or H)
- Scale/ruler is positioned to the left of the indicator tube (when facing the indicator.)

Additional ordering codes

Special

- Z99 Anything not included in the above ordering codes (a...n) will be considered a special and designated as such with a "Z99". This includes any side process connections over the standard quantity of 3.

Heat/Electric Tracing

- TT1 Steam Trace Tubing
 SJ Steam / Water Jacket
 ET1xx Electric Tracing; Class I, Div. 2, Gp BCD; (221 °F/(105 °C) max; fixed setpoint control³
 ET2x Electric Tracing; Class I, Div. 2, Gp BCD; (400 °F/(204 °C) max; adjustable setpoint control³
 ET3x Electric Tracing; Class I, Div. 1, Gp CD; (800 °F/(427 °C) max; adjustable setpoint control³
 ETX Electric Tracing (custom) specified by others

Valves

- VV Vent Valve (Specify valve manufacturer and model)
 IV Isolation Valve (Specify valve manufacturer and model)
 DV Drain Valve (Specify valve manufacturer and model)

Other

- RD Switch Mount Rod (High Temperature option for KM26 Switches)
 G Gussets on process connections (SCH 40 Minimum Chamber Recommended)
 GR Oversized chamber with guide rods for flashing

Insulation

- IH High Temperature Insulation Pad (See note 1 under "Indicator Type")⁵
 IHT High Temperature Insulation Pad with Temp-Coat (See note 2 under "Indicator Type")^{4,5}
 IH1 High Temperature Insulation; Float Chamber Only; (250 °F/121 °C) max^{2,5}
 IH1D High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (250 °F/121 °C) max^{2,5}
 IH2 High Temperature Insulation; Float Chamber Only; (500 °F/260 °C) max^{2,5}
 IH2D High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (500 °F/260 °C) max^{2,5}
 IH2T High Temperature Insulation; Float Chamber Only; (1000 °F/538 °C) max^{2,4,5}
 IH2DT High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (1000 °F/538 °C) max^{2,4,5}
 IH3 High Temperature Insulation; Float Chamber Only; (1000 °F/538 °C) max^{1,2,5}
 IH3D High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (1000 °F/538 °C) max^{1,2,5}
 IH3T High Temperature Insulation; Float Chamber Only; (1000 °F/538 °C) max^{1,2,4,5}
 IH3DT High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (1000 °F/538 °C) max^{1,2,4,5}
 IL1 Cryogenic Insulation; 2" thick; single layer; (350 °F/177 °C) max; (-100 °F/-73 °C) minimum⁵
 IL2 Cryogenic Insulation; 3" thick; double layer; (350 °F/177 °C) max; (-200 °F/-129 °C) minimum⁵
 IL3 Cryogenic Insulation; 4" thick; double layer; (350 °F/177 °C) max; (-320 °F/-196 °C) minimum⁵

Notes:

- Insulation is 1" thick (maximum) when a level transmitter and/or level switch is used regardless of maximum temperature.
- ABB recommends chamber insulation for personnel safety.
- Specify power supply 1) 110, 2) 220, 3) 277 or 4) 440 VAC; (ex. ET21 with 110 VAC power supply). For ET1xx series only, specify setpoint A) 35°, B) 45°, C) 60°, D) 90° or E) 185 °F (1.7°, 7.2°, 15.6°, 32.2°, or 85 °C) (ex. ET11A = ET1 with 110VAC power supply and a setpoint of 35 °F).
- This option is only used when a MBG Indicator Type is selected AND the maximum temperature exceeds 650 °F/343 °C.
- No insulation options are allowed with shuttle indicators (S3P, S3G).

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Model Number Configuration

Note: The following accessories/services selected will not appear in the model # on engineering drawings or nameplates.

Accessories

ASB Adjustable support bracket

Engineering Documents

GD1 Drawings for Approval - NOTE: Equipment lead time will start after receipt of customer approved drawings/documents
GD2 Drawings for Record
GD3 Certified as Built Drawings - NOTE: Equipment lead time will start after receipt of Purchase Order
GD4 Weld Map (Per Tag)
GD5 Inspection and Test Plan
GD6 Float Curve

Radiographic Services - Per Tag

CRA Radiographic Examination on all Pressure containing Butt Welds / and all other pressure containing welds are Liquid Dye Penetrant tested (Final Pass Only)
CRB Radiographic Examination on all Pressure containing Butt Welds / and all other pressure containing welds are Liquid Dye Penetrant tested (Root and Final Pass)
CRC 10% Radiographic Examination on Pressure containing Butt Welds / 10% of other pressure containing welds are Liquid Dye Penetrant tested (Final Pass Only)
CRD 10% Radiographic Examination on Pressure containing Butt Welds / 10% of other pressure containing welds are Liquid Dye Penetrant tested (Root and Final Pass)
CRE Radiographic Examination on all Pressure containing Welds (Final Pass Only)
CRF Radiographic Examination on all Pressure containing Welds (Root and Final Pass)

Liquid Dye Penetrant - Per Tag

CNA Liquid Dye Penetrant Examination on all Pressure containing Welds (Final Pass Only)
CNB Liquid Dye Penetrant Examination on all Pressure containing Welds (Root and Final Pass)
CNC Liquid Dye Penetrant Examination on 10% of all Pressure containing Welds (Final Pass Only)
CND Liquid Dye Penetrant Examination on 10% of all Pressure containing Welds (Root and Final Pass)

Positive Material Identification

CHC Positive Material Identification with Carbon Content
CHD Positive Material Identification without Carbon Content

Pressure Equipement Directive (PED)**

K6 Pressure Equipment Directive Certificate of Compliance (SEP)
K8 Pressure Equipment Directive Certificate of Conformance (Category I - IV)

Hydrostatic Examination

CP1 Hydrostatic Examination - (10 Minutes)
CP2 Hydrostatic Examination with Chart Recording - (30 Minutes)
CP3 Hydrostatic Examination with Chart Recording - (60 Minutes)
CP4 Hydrostatic Examination with Chart Recording - (120 Minutes)
CP5 Hydrostatic Examination of Float
CPZ Custom Hydrostatic Examination

Additional Services

CH6 Ultrasonic Testing - Thickness Testing
CHS Ultrasonic Testing - Shearwave
CH5 Magnetic Particle Inspection/Testing
STP Painting with standard ABB K-TEK paint (carbon steel non-wetted surfaces only)
STS Special painting or surface treatment per customer specification
CH7 Post Weld Heat Treatment
GW1 Equipment Weight Documentation
CHV Hardness Testing (per customer specification)
C7 Helium leak test on pressure bearing parts
CHA Intergranular Corrosion Destructive Test
CHB Corrosive Test
CHE Charpy Test
CHF Certificate of Surface Finish
CHP Certificate of Passivation

ASME Code Stamp**

CSU ASME Code Stamp U
CSM ASME Code Stamp UM
CSS ASME Code Stamp S

Material Monitoring

C2 Material Monitoring with Inspection Certificate 3.1 acc. EN 10204 (MTR)
C3 Material Monitoring with Inspection Certificate 3.2 acc. EN 10204 (MTR)

Manufacturer's Data Records

CD1 ABB Standard Manufacturer's Data Records Indexed (all requested testing, drawings, certificates, etc) as a single document and electronically transferred with no customer approvals required
CDZ Special Manufacturer's Data Records, Indexed

Origin Documents

GS1 Certificate of Origin
GS2 Certificate of Origin Notarized by Local Chamber of Commerce
GS3 Certificate of Origin Legalized by Specific Country Chamber of Commerce - Lead Time may be Extended depending on Country
GS4 Korean Foreign Trade certificate
GS5 NAFTA Certificate
GS6 EX-IM BANK Certificate (One per Tag)

Approved Material List*

MS1 Country Of Origin - Material source limitations apply
GS7 Approved Material List

Welding Options

FWP Full Penetration Welds Only
FWT TIG Welding Only

Certifications

CK Certificate of compliance for ANSI / ASME**
CL General Certificate of Compliance
CU3 Certificate of Functionality
CRN Canadian Registration Number**
CPE Calibration Certificate of Hydrotest Equipment†

NACE

CN1 NACE (MR 0103) Hardness Certificate*
CN3 NACE (MR 0175 / ISO 15156) Hardness Certificate*

*Requires C2 or C3 in Material Monitoring

†Requires CP1, CP2, CP3, CP4 or CPZ in Hydrostatic Examination

KM26S Magnetic Level Gauge Chamber Configuration

Table 1

Chamber/Connection Material			
SS1	321 SS	HL4	Halar® Coated 304 SS ^{2,4,6}
SS4	304 / 304L SS	HL6	Halar® Coated 316 SS ^{2,4,6}
SS6	316 / 316L SS	TF4	Tefzel® Coated 304 SS (-150 °F / -101 °C Min) ^{2,4,6,7}
SS7	317 / 317L SS	TF6	Tefzel® Coated 316 SS (-150 °F / -101 °C Min) ^{2,4,6,7}
S47	347 SS	A20	Alloy 20 (800 °F / 427 °C Max)
SS9	904 SS (700 °F / 371 °C Max)	I60	Incoloy 600
HSC	Hastelloy® C-276	I62	Incoloy 625
HSB	Hastelloy® B	I80	Incoloy 800
TI	Titanium (Grade 2) (600 °F / 316 °C Max)	I82	Incoloy 825
PP	Polypropylene (35 to 200 °F / 2 to 93 °C) ³	ZI2	Zirconium 702 (700 °F / 371 °C Max)
PVD	Kynar® (PVDF) (-40 to 280 °F / -40 to 138 °C) ³	MO	Monel® 400 (900 °F / 482 °C Max)
PVC	PVC (140 °F / 60 °C Max) ³	CST	Carbon Steel (-20 °F / -29 °C Min) ⁹
CPV	CPVC (210 °F / 99 °C Max) ³	LCS	Low Temperature Carbon Steel (-50 °F / -46 °C Min) ⁹
EPF	Epoxy Resin Fiberglass (225 °F / 107 °C Max) ³	DUP	Duplex® Stainless Steel (600 °F / 316 °C Max) ⁹
VEF	Vinyl Ester Fiberglass (175 °F / 79 °C Max) ³	OTH	Other Material Type (Specify Separately)
TN4	TEFLON® "S" One Coat Coated 304 / 304L SS ^{1,5}		
TN6	TEFLON® "S" One Coat Coated 316 / 316L SS ^{1,5}		
Notes:	¹ To minimize friction for optimal float travel - maximum temperature = 425 °F (218 °C). ² For increased corrosion resistance - maximum temperature = 300 °F (149 °C). ³ Maximum measuring length is 18 feet (5.48 meters). ⁴ Tefzel® or Halar® coated units must <u>not</u> have any FNPT options and must have chamber sized flanged access on top and bottom of chamber. This option should not be used on connections that require welding in the field. ⁵ Maximum measuring length 22 feet (6.7 meters). ⁶ Maximum measuring length 16 feet (4.88 meters). ⁷ Schedule 40 minimum chamber required. ⁸ Maximum measuring length = 15 feet (4.57 meters). ⁹ Not available as a chamber option. When CST, LCS and DUP materials are chosen, all parts which are not welded directly to the side of the chamber can be of those same material types. * TEFLON®, Tefzel®, Incoloy® (Registered trademark of Dupont) * Hastelloy® (Registered trade mark of Haynes International, Inc.) * Halar® (Registered trademark of Solvay Solexis) * Monel® (Registered trademark of the INCO) * Duplex® (Registered trademark of Leupold & Stevens, Inc.) * TEMP-COAT® (Registered trademark of Southern Professional Leasing Inc. DBA Span-World Distribution Corporation)		

Required Dimensional Information (Specify in inches or mm):

ML, CF, FF, CC and FC dimensions.

Note: When 3 or more side connections are required, specify the distance between each connection.

IMPORTANT NOTE:

The information above is provided for the customer to indicate specific requirements. Other sizing & ratings not specified will be selected by the factory based on standard design & manufacturing practices using temperature, pressure & specific gravity data.

KM26S Magnetic Level Gauge

Chamber Configuration

Table 2

Code Options / Definitions	
B0	Blind Flange with Float Stop Spring and Mating Slip-On Flange
B1	B0 with FNPT ³
B2	B0 with Plug ³
B3	B0 with Socket Weld Half Coupling ³
B4	B0 with FNPT Half Coupling ³
B5	B0 with Pipe Nipple, for Socket Welding (Flat) ³
B6	B0 with Pipe Nipple, for Butt Welding (37.5° bevel) ³
B7	B0 with Pipe Nipple, MNPT ³
B9S	B0 with Pipe Nipple and Slip-On Flange ³
B9W	B0 with Pipe Nipple and Weld Neck Flange ³
B10	B0 with Socket Weld Bore ³
B3L	B0 with Flat Sock-o-let ³
B4L	B0 with Flat Thread-o-let ³
B5L	B0 with Flat Sock-o-let, Pipe Nipple for Socket Welding (Flat) ³
B6L	B0 with Flat Sock-o-let, Pipe Nipple for Butt Welding (37.5° Bevel) ³
B7L	B0 with Flat Sock-o-let and Pipe Nipple, MNPT ³
B9SL	B0 with Flat Sock-o-let, Pipe Nipple and Slip-On Flange ³
B9WL	B0 with Flat Sock-o-let, Pipe Nipple and Weld Neck Flange ³
B3C	B0 with Pipe Nipple and Socket Weld Coupling ³
B4C	B0 with Pipe Nipple and SW x FNPT Coupling ³
B3LC	B0 with Flat Sock-o-let, Pipe Nipple and Socket Weld Coupling ³
B4LC	B0 with Flat Sock-o-let, Pipe Nipple and SW x FNPT Coupling ³
B4P	B0 with FNPT Half Coupling and Plug ³
B4LP	B0 with Flat Thread-o-let and Plug ³
B4CP	B0 with Pipe Nipple, SW x FNPT Coupling and Plug ³
B4LCP	B0 with Flat Sock-o-let, Pipe Nipple, SW x FNPT Coupling and Plug ³
C0	FNPT Half Coupling
C0P	C0 with Plug
C0E	FNPT Half Coupling Connected via Extruded Outlet ²
C0EP	C0E with Plug ²
C0L	Thread-o-let (Min. SCH 40 Chamber)
C0C	SW x FNPT Coupling with Pipe Nipple
C0CE	SW x FNPT Coupling with Pipe Nipple connected via Extruded Outlet ²
C1	Socket Weld Half Coupling
C1C	Socket Weld Coupling with Pipe Nipple
C1CE	Socket Weld Coupling with Pipe Nipple connected via Extruded Outlet ²
C0LC	SW x FNPT Coupling with Pipe Nipple and Sock-o-let (Min. SCH 40 Chamber)
C1L	Sock-o-let (Min. SCH 40 Chamber)
C1LC	Socket Weld Coupling with Pipe Nipple and Sock-o-let (Min. SCH 40 Chamber)

KM26S Magnetic Level Gauge

Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
D0	Blind Flange with Float Stop Spring and a Mating Weld Neck Flange
D1	D0 with FNPT ³
D2	D0 with Plug ³
D3	D0 with Socket Weld Half Coupling ³
D4	D0 with FNPT Half Coupling ³
D5	D0 with Pipe Nipple, for Socket Welding (Flat) ³
D6	D0 with Pipe Nipple, for Butt Welding (37.5° Bevel) ³
D7	D0 with Pipe Nipple, MNPT ³
D9S	D0 with Pipe Nipple and Slip-On Flange ³
D9W	D0 with Pipe Nipple and Weld Neck Flange ³
D10	D0 with Socket Weld Bore ³
D3L	D0 with Flat Sock-o-let ³
D4L	D0 with Flat Thread-o-let ³
D5L	D0 with Flat Sock-o-let and Nipple, for Socket Welding (Flat) ³
D6L	D0 with Flat Weld-o-let and Nipple, for Butt Welding (37.5° Bevel) ³
D7L	D0 with Flat Weld-o-let and Nipple, MNPT ³
D9L	D0 with Flat Weld-o-let, Pipe Nipple and Weld Neck Flange ³
D3C	D0 with Pipe Nipple and Socket Weld Coupling ³
D4C	D0 with Pipe Nipple and SW x FNPT Coupling ³
D3LC	D0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling ³
D4LC	D0 with Flat Weld-o-let, Pipe Nipple and SW x FNPT Coupling ³
D4P	D0 with FNPT Half Coupling and Plug ³
D4LP	D0 with Flat Thread-o-let and Plug ³
D4CP	D0 with Pipe Nipple, SW x FNPT Coupling and Plug ³
D4LCP	D0 with Flat Weld-o-let, Pipe Nipple, SW x FNPT Coupling and Plug ³
F	Weld Neck Flange with Float Stop Spring (Top/Bottom Code Option) ¹
FE	Weld Neck Flange connected to chamber via Extruded Outlet ²
F0	Weld Neck Flange with Pipe Nipple (Side Code Option)
F0E	FE with Pipe Nipple Between Chamber & Weld Neck Flange ²
F1	Weld Neck Flange with Weld-o-let (Min. SCH 40 Chamber)
F1C	Weld Neck Flange with Weld-o-let and Pipe Nipple (Min. SCH 40 Chamber)
F2	Weld Neck Flange with Weld-o-let and Concentric Reducer (Min. SCH 40 Chamber)
F2C	Weld Neck Flange with Weld-o-let and Concentric Reducer and Pipe Nipple (Min. SCH 40 Chamber)
F3	Weld Neck Flange with Concentric Reducer
F3E	Weld Neck Flange with Concentric Reducer connected to chamber via Extruded Outlet ²
F3C	Weld Neck Flange with Concentric Reducer and Pipe Nipple
F3CE	Weld Neck Flange with Concentric Reducer and Pipe Nipple connected via Extruded Outlet ²
F4	Weld Neck Flange with Butt Weld Tee
F4C	Weld Neck Flange with Butt Weld Tee and Pipe Nipple
F43	Weld Neck Flange with Butt Weld Tee and Concentric Reducer
F43C	Weld Neck Flange with Butt Weld Tee and Concentric Reducer and Pipe Nipple
F9	Weld Neck Flange with Concentric Reducer (Top/Bottom Code Option)

KM26S Magnetic Level Gauge

Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
G	Slip-On Flange with Float Stop Spring (Top/Bottom Code Option) ¹
GE	Slip-On Flange with Pipe Nipple connected to chamber via Extruded Outlet ²
G0	Slip-On Flange with Pipe Nipple (Side Code Option)
G1	Slip-On Flange with Weld-o-let and Pipe Nipple (Min. SCH 40 Chamber)
G2	Slip-On Flange with Weld-o-let, Concentric Reducer and Pipe Nipple
G3	Slip-On Flange with Concentric Reducer and Pipe Nipple
G3E	Slip-On Flange with Concentric Reducer and Pipe Nipple Connected via Extruded Outlet ²
G4	Slip-On Flange with Butt Weld Tee and Pipe Nipple
G43	Slip-On Flange with Butt Weld-tee, Concentric Reducer and Pipe Nipple
L	Stub End with Lap Joint Flange with Float Stop Spring (Top/Bottom Code Option) ¹
L0	Stub End with Lap Joint Flange (Side Code Option)
LE	Stub End with Lap Joint Flange connected to chamber via Extruded Outlet ²
LCE	Stub end with Lap Joint Flange and Pipe Nipple connected via Extruded Outlet ²
L1	L with Mating Blind Flange with FNPT ³
L2	L with Mating Blind Flange with Plug ³
LC	Stub end with Lap Joint Flange and Pipe Nipple
L3	Stub end with Lap Joint Flange and Concentric Reducer
L3E	Stub end with Lap Joint Flange, Concentric Reducer connected via Extruded Outlet ²
L3C	Stub end with Lap Joint Flange, Concentric Reducer and Pipe Nipple
L3EC	Stub end with Lap Joint Flange, Concentric Reducer and Pipe Nipple connected via Extruded Outlet ²
L39	L with Mating Stub End and Lap Joint Flange, Concentric Reducer, Stub End and Lap Joint Flange
L4	Stub End with Lap Joint Flange and Butt Weld Tee
L43	Stub End with Lap Joint Flange, Butt Weld Tee and Concentric Reducer
L9	L with Mating Blind Flange, Pipe Nipple, Stub End and Lap Joint Flange ³
N0	Branch Nipple, for Socket Weld (Flat)
N0E	Branch Nipple, for Socket Weld (Flat) connected to chamber via Extruded Outlet ²
N2	Branch Nipple, for Butt Welding (37.5° Bevel)
N2E	Branch Nipple, for Butt Welding (37.5° Bevel) connected to chamber via Extruded Outlet ²
N3	MNPT Branch Nipple
N3E	MNPT Branch Nipple connected to chamber via Extruded Outlet ²
N6	Weld-o-let, for Butt Welding (Min. SCH 40 Chamber)
N0L	Weld-o-let with Pipe Nipple, for Socket Weld (Flat) (Min. SCH 40 Chamber)
N2L	Weld-o-let with Pipe Nipple, for Butt Welding (37.5° Bevel) (Min. SCH 40 Chamber)
N3L	Weld-o-let with Pipe Nipple, MNPT, (Min. SCH 40 Chamber)
R9	Weld Neck Flange with Mating Weld Neck Flange, Float Stop Spring, Concentric Reducer and Weld Neck Flange

KM26S Magnetic Level Gauge

Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
S0	Screwed Pipe Cap with Float Stop Spring (Min. SCH 40 Chamber)
S4	S0 with FNPT Half Coupling (Min. SCH 40 Chamber)
S4P	S0 with FNPT Half Coupling and Plug (Min. SCH 40 Chamber)
S7	S0 with Pipe Nipple, MNPT
SW	Socket Weld Flange with Float Stop Spring (Top/Bottom Code Option) ¹
SW0	Blind Flange with Float Stop Spring and Mating Socket Weld Flange
SW1	SW0 with FNPT ³
SW2	SW0 with Plug ³
SW3	SW0 with Socket Weld Half Coupling ³
SW4	SW0 with FNPT Half Coupling ³
SW5	SW0 with Nipple, for Socket Welding (Flat) ³
SW6	SW0 with Nipple, for Butt Welding (37.5° bevel) ³
SW7	SW0 with Pipe Nipple, MNPT ³
SW9	SW0 with Pipe Nipple and Socket Weld Flange ³
SW10	SW0 with Socket Weld Bore ³
SW3L	SW0 with Flat Sock-o-let ³
SW4L	SW0 with Flat Thread-o-let ³
SW5L	SW0 with Flat Sock-o-let, Pipe Nipple for Socket Welding (Flat) ³
SW6L	SW0 with Flat Sock-o-let, Pipe Nipple for Butt Welding (37.5° bevel) ³
SW7L	SW0 with Flat Sock-o-let and Pipe Nipple, MNPT ³
SW9L	SW0 with Flat Sock-o-let, Pipe Nipple and Socket Weld Flange ³
SW3C	SW0 with Pipe Nipple and Socket Weld Coupling ³
SW4C	SW0 with Pipe Nipple and SW x FNPT Coupling ³
SW3LC	SW0 with Flat Sock-o-let, Pipe Nipple and Socket Weld Coupling ³
SW4LC	SW0 with Flat Sock-o-let, Pipe Nipple and SW x FNPT Coupling ³
SW4P	SW0 with FNPT Half Coupling and Plug ³
SW4LP	SW0 with Flat Thread-o-let and Plug ³
SW4CP	SW0 with Pipe Nipple, SW x FNPT Coupling and Plug ³
SW4LCP	SW0 with Flat Sock-o-let, Pipe Nipple, SW x FNPT Coupling and Plug ³
SWS	Socket Weld Flange with Pipe Nipple
SWSE	Socket Weld Flange with Pipe Nipple connected to chamber via Extruded Outlet ²
SWS1	Socket Weld Flange with Weld-o-let and Pipe Nipple
SWS2	Socket Weld Flange with Weld-o-let, Concentric Reducer and Pipe Nipple
SWS3	Socket Weld Flange with Concentric Reducer and Pipe Nipple
SWS3E	Socket Weld Flange with Concentric Reducer and Pipe Nipple connected via Extruded Outlet
SWS4	Socket Weld Flange with Butt Weld Tee and Pipe Nipple
SWS43	Socket Weld Flange with Butt Weld Tee, Concentric Reducer and Pipe Nipple

KM26S Magnetic Level Gauge

Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
T0	Butt Welded Pipe Cap with Float Stop Spring
T3	T0 with Socket Weld Half Coupling
T4	T0 with FNPT Half Coupling
T5	T0 with Pipe Nipple, for Socket Welding (Flat)
T6	T0 with Pipe Nipple, for Butt Welding (37.5° Bevel)
T7	T0 with Pipe Nipple, MNPT
T9S	T0 with Pipe Nipple and Slip-On Flange
T9SW	T0 with Pipe Nipple and Socket Weld Flange
T9W	T0 with Pipe Nipple and Weld Neck Flange
T3L	T0 with Flat Sock-o-let
T4L	T0 with Flat Thread-o-let
T4P	T0 with FNPT Half Coupling and Plug
T4LP	T0 with Flat Thread-o-let and Plug
T5L	T0 with Flat Weld-o-let and Pipe Nipple, for Socket Welding (Flat)
T6L	T0 with Flat Weld-o-let and Pipe Nipple, for Butt Welding (37.5° Bevel)
T7L	T0 with Flat Weld-o-let and Pipe Nipple, MNPT
T9SL	T0 with Flat Weld-o-let, Pipe Nipple and Slip-On Flange
T9WL	T0 with Flat Weld-o-let, Pipe Nipple and Weld Neck Flange
T9SWL	T0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Flange
T3C	T0 with Pipe Nipple and Socket Weld Coupling
T4C	T0 with Pipe Nipple and SW x FNPT Coupling
T3LC	T0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling
T4LC	T0 with Flat Weld-o-let, Pipe Nipple and SW x FNPT Coupling
T4CP	T0 with Pipe Nipple, SW x FNPT Coupling and Plug
T4LCP	T0 with Flat Weld-o-let, Pipe Nipple, SW x FNPT Coupling and Plug

KM26S Magnetic Level Gauge

Chamber Configuration

Table 2 (continued)

Code Options / Definitions	
W0	Welded Flat End Cap with Float Stop Spring
W1	W0 with FNPT
W2	W0 with Plug
W3	W0 with Socket Weld Half Coupling
W4	W0 with FNPT Half Coupling
W5	W0 with Pipe Nipple, for Socket Welding (Flat)
W6	W0 with Pipe Nipple, for Butt Welding (37.5° Bevel)
W7	W0 with Pipe Nipple, MNPT
W9S	W0 with Pipe Nipple and Slip-On Flange
W9SW	W0 with Pipe Nipple and Socket Weld Flange
W9W	W0 with Pipe Nipple and Weld Neck Flange
W10	W0 with Socket Weld Bore
W3L	W0 with Flat Weld-o-let
W4L	W0 with Flat Thread-o-let
W5L	W0 with Flat Weld-o-let and Pipe Nipple for Socket Welding (Flat)
W6L	W0 with Flat Weld-o-let and Pipe Nipple for Butt Welding (37.5° Bevel)
W7L	W0 with Flat Weld-o-let and Pipe Nipple, MNPT
W9SL	W0 with Flat Weld-o-let, Pipe Nipple and Slip-On Flange
W9WL	W0 with Flat Weld-o-let, Pipe Nipple and Weld Neck Flange
W9SWL	W0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Flange
W3C	W0 with Pipe Nipple and Socket Weld Coupling
W4C	W0 with Pipe Nipple and SW x FNPT Coupling
W3LC	W0 with Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling
W4LC	W0 with Flat Weld-o-let, Pipe Nipple and SW x FNPT Coupling
W4LP	W0 with Flat Thread-o-let and Plug
W4CP	W0 with Pipe Nipple, SW x FNPT Coupling and Plug
W4LCP	W0 with Flat Weld-o-let, Pipe Nipple, SW x FNPT Coupling and Plug
W1E	Branch Nipple with Flat End Cap with FNPT, connected via Extruded Outlet ²
W1S	Branch Nipple with Flat End Cap with FNPT, connected via Saddle Weld
X	No Connection

Notes:

- When a flanged option (F, G, L, SW) is a process connection on either end of the chamber as shown in the configuration tables these will be provided with a float stop bar (or disk) and spring to keep the float confined in the chamber.
- Extruded outlet connections can be utilized as follows:

	Chamber Schedule	Flange/Pipe Sizes	COUPLING SIZES
*Stainless Steel:	10	1", 1-1/2" & 2"	3/4", 1", 1-1/4"
*Stainless Steel:	40	1-1/2" & 2"	1-1/4"
Alloy 20:	10	1-1/2" & 2"	1-1/4"
Hastelloy® C-276:	10	1-1/2" & 2"	1-1/4"

*Includes SS1, SS4, SS6, SS7, S47, TN4, TN6, HL4, HL6, TF4 and TF6 material types. TF4 and TF6 types require SCH 40 minimum chambers. Welded or seamless chambers can be extruded. Extruded outlets are full bore up to a maximum of 2" NPS.

- Add an "H" behind the code option if a high hub blind flange is required. In those same cases where a "P" is added in the model code for plugged options, the "H" shall be placed in front of the "P."

KM26S Magnetic Level Gauge Chamber Configuration - Top

B0	B1	B2	B3	B4	B5	B6
B7	B9S	B9W	B10	B3L	B4L	B5L
B6L	B7L	B9SL	B9WL	B3C	B4C	B3LC
B4LC	B4P	B4LP	B4CP	B4LCP	D0	D1
D2	D3	D4	D5	D6	D7	D9S
D9W	D10	D3L	D4L	D5L	D6L	D7L
D9L	D3C	D4C	D3LC	D4LC	D4P	D4LP
D4CP	D4LCP	F	F9	G	L	L1
L2	L39	L9	R9	S0	S4	S4P
S7	SW	SW0	SW1	SW2	SW3	SW4

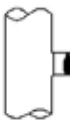
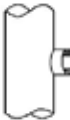
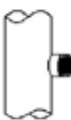
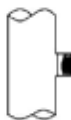
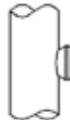
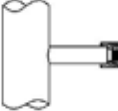
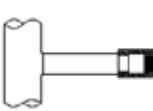
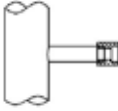
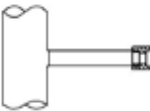
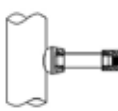
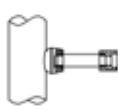
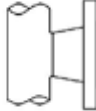
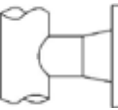
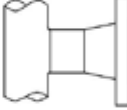
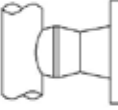
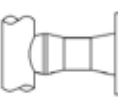
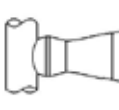
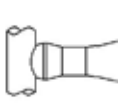
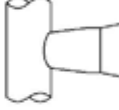
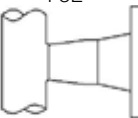
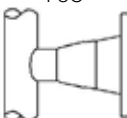
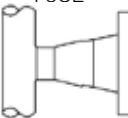
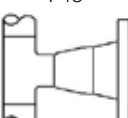
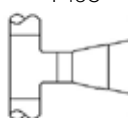
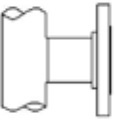
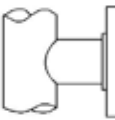
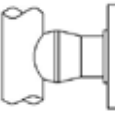
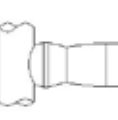
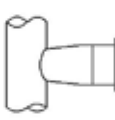
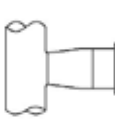
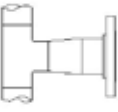
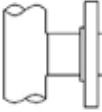
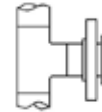
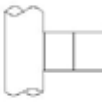
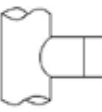
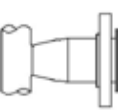
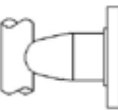
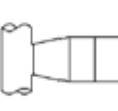
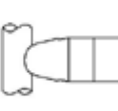
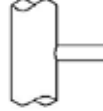
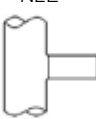
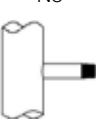
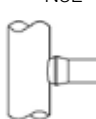
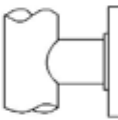
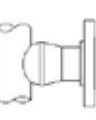
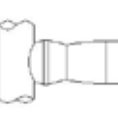
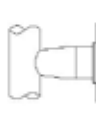
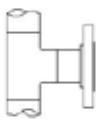
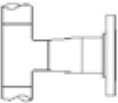
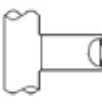
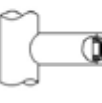
KM26S Magnetic Level Gauge

Chamber Configuration - Top

SW5	SW6	SW7	SW9	SW10	SW3L	SW4L
SW5L	SW6L	SW7L	SW9L	SW3C	SW4C	SW3LC
SW4LC	SW4P	SW4LP	SW4CP	SW4LCP	T0	T3
T4	T5	T6	T7	T9S and T9SW	T9W	T3L
T4L	T5L	T6L	T7L	T9SL and T9SWL	T9WL	T3C
T4C	T3LC	T4LC	T4P	T4LP	T4CP	T4LCP
W0	W1	W2	W3	W4	W5	W6
W7	W9S and W9SW	W9W	W10	W3L	W4L	W5L
W6L	W7L	W9SL and W9SWL	W9WL	W3C	W4C	W3LC
W4LC	W4LP	W4CP	W4LCP			

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Chamber Configuration - Side

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Chamber Configuration - Bottom

B0	B1	B2	B3	B4	B5	B6
B7	B9S	B9W	B10	B3L	B4L	B5L
B6L	B7L	B9SL	B9WL	B3C	B4C	B3LC
B4LC	B4P	B4LP	B4CP	B4LCP	D0	D1
D2	D3	D4	D5	D6	D7	D9S
D9W	D10	D3L	D4L	D5L	D6L	D7L
D9L	D3C	D4C	D3LC	D4LC	D4P	D4LP
D4CP	D4LCP	F	F9	G	L	L1
L2	L39	L9	R9	S0	S4	S4P
S7	SW	SW0	SW1	SW2	SW3	SW4

KM26S Magnetic Level Gauge

Chamber Configuration - Bottom

SW5	SW6	SW7	SW9	SW10	SW3L	SW4L
SW5L	SW6L	SW7L	SW9L	SW3C	SW4C	SW3LC
SW4LC	SW4P	SW4LP	SW4CP	SW4LCP	T0	T3
T4	T5	T6	T7	T9S and T9SW	T9W	T3L
T4L	T5L	T6L	T7L	T9SL and T9SWL	T9WL	T3C
T4C	T3LC	T4LC	T4P	T4LP	T4CP	T4LCP
W0	W1	W2	W3	W4	W5	W6
W7	W9S and W9SW	W9W	W10	W3L	W4L	W5L
W6L	W7L	W9SL and W9SWL	W9WL	W3C	W4C	W3LC
W4LC	W4LP	W4CP	W4LCP			

KM26S Magnetic Level Gauge Chamber Configuration

Table 3

		Size & Rating Designations for ASME B16.5 Flanges						Size & Rating Designations for EN 1092 Flanges ¹			
Size	Rating	Raised Face	Flat Face	Ring Type Joint	Lap Joint	Male \ Female	Tongue & Groove	Size	Rating	Raised Face (Type B2)	Flat Face (Type A)
1/2"	150	R51	F51	J51	L51	M51	T51	DN15	PN16	RAC	FAC
	300	R53	F53	J53	L53	M53	T53		PN25	RAD	FAD
	600	R56	F56	J56	L56	M56	T56		PN40	RAE	FAE
	900	R59	F59	J59	L59	M59	T59		PN63	RAF	FAF
	1500	R515	F515	J515	L515	M515	T515		PN100	RAG	FAG
3/4"	2500	R525	F525	J525	L525	M525	T525	DN20	PN160	RAH	FAH
	150	R71	F71	J71	L71	M71	T71		PN250	RAJ	FAJ
	300	R73	F73	J73	L73	M73	T73		PN320	RAK	FAK
	600	R76	F76	J76	L76	M76	T76		PN16	RBC	FBC
	900	R79	F79	J79	L79	M79	T79		PN25	RBD	FBD
1"	1500	R715	F715	J715	L715	M715	T715	DN25	PN40	RBE	FBE
	2500	R725	F725	J725	L725	M725	T725		PN63	RBF	FBF
	150	R11	F11	J11	L11	M11	T11		PN100	RBG	FBG
	300	R13	F13	J13	L13	M13	T13		PN160	RBH	FBH
	600	R16	F16	J16	L16	M16	T16		PN250	RBJ	FBJ
1 1/2"	900	R19	F19	J19	L19	M19	T19	DN40	PN320	RBK	FBK
	1500	R115	F115	J115	L115	M115	T115		PN16	RCC	FCC
	2500	R125	F125	J125	L125	M125	T125		PN25	RCD	FCD
	150	R151	F151	J151	L151	M151	T151		PN40	RCE	FCE
	300	R153	F153	J153	L153	M153	T153		PN63	RCF	FCF
2"	600	R156	F156	J156	L156	M156	T156	DN50	PN100	RCG	FCG
	900	R159	F159	J159	L159	M159	T159		PN160	RCH	FCH
	1500	R1515	F1515	J1515	L1515	M1515	T1515		PN250	RCJ	FCJ
	2500	R1525	F1525	J1525	L1525	M1525	T1525		PN320	RCK	FCK
	150	R21	F21	J21	L21	M21	T21		PN16	REC	FEC
2 1/2"	300	R23	F23	J23	L23	M23	T23	DN40	PN25	RED	FED
	600	R26	F26	J26	L26	M26	T26		PN40	REE	FEE
	900	R29	F29	J29	L29	M29	T29		PN63	REF	FEF
	1500	R215	F215	J215	L215	M215	T215		PN100	REG	FEG
	2500	R225	F225	J225	L225	M225	T225		PN160	REH	FEH
3"	150	R251	F251	J251	L251	M251	T251	DN50	PN250	REJ	FEJ
	300	R253	F253	J253	L253	M253	T253		PN320	REK	FEK
	600	R256	F256	J256	L256	M256	T256		PN16	RFC	FFC
	900	R259	F259	J259	L259	M259	T259		PN25	RFD	FFD
	1500	R2515	F2515	J2515	L2515	M2515	T2515		PN40	RFE	FFE
	2500	R2525	F2525	J2525	L2525	M2525	T2525		PN63	RFF	FFF
	150	R31	F31	J31	L31	M31	T31		PN100	RFG	FFG
	300	R33	F33	J33	L33	M33	T33		PN160	RFH	FFH
	600	R36	F36	J36	L36	M36	T36		PN250	RFJ	FFJ
	900	R39	F39	J39	L39	M39	T39		PN320	RFK	FFK
	1500	R315	F315	J315	L315	M315	T315				
	2500	R325	F325	J325	L325	M325	T325				

KM26S Magnetic Level Gauge

Connection Sizes & Ratings

Table 3 (continued)

		Size & Rating Designations for ASME B16.5 Flanges								Size & Rating Designations for EN 1092 Flanges ¹	
Size	Rating	Raised Face	Flat Face	Ring Type Joint	Lap Joint	Male \ Female	Tongue & Groove	Size	Rating	Raised Face (Type B2)	Flat Face (Type A)
4"	150	R41	F41	J41	L41	M41	T41	DN65	PN16	RGC	FGC
	300	R43	F43	J43	L43	M43	T43		PN25	RGD	FGD
	600	R46	F46	J46	L46	M46	T46		PN40	RGE	FGE
	900	R49	F49	J49	L49	M49	T49		PN63	RGF	FGF
	1500	R415	F415	J415	L415	M415	T415		PN100	RGG	FGG
	2500	R425	F425	J425	L425	M425	T425		PN160	RGH	FGH
6"	150	R61	F61	J61	L61	M61	T61	DN80	PN250	RGJ	FGJ
	300	R63	F63	J63	L63	M63	T63		PN320	RGK	FGK
	600	R66	F66	J66	L66	M66	T66		PN16	RHC	FHC
	900	R69	F69	J69	L69	M69	T69		PN25	RHD	FHD
	1500	R615	F615	J615	L615	M615	T615		PN40	RHE	FHE
	2500	R625	F625	J625	L625	M625	T625		PN63	RHF	FHF

Size	Rating	Sock-o-lets	Thread-o-lets	Plugs	Couplings
1/2"	3000#	S053	T053	P053	C053
	6000#	S056	T056	P056	C056
3/4"	3000#	S073	T073	P073	C073
	6000#	S076	T076	P076	C076
1"	3000#	S103	T103	P103	C103
	6000#	S106	T106	P106	C106
1 1/2"	3000#	S153	T153	P153	C153
	6000#	S156	T156	P156	C156
2"	3000#	S203	T203	P203	C203
	6000#	S206	T206	P206	C206

Size	Rating	Weld-o-lets	Pipe Nipples
1/2"	SCH 40	W054	N054
	SCH 80	W058	N058
	SCH 160	W051	N051
3/4"	SCH 40	W074	N074
	SCH 80	W078	N078
	SCH 160	W071	N071
1"	SCH 40	W104	N104
	SCH 80	W108	N108
	SCH 160	W101	N101
1 1/2"	SCH 40	W154	N154
	SCH 80	W158	N158
	SCH 160	W151	N151
2"	SCH 40	W204	N204
	SCH 80	W208	N208
	SCH 160	W201	N201

Female Threaded & Socket Weld Connection Designations		
Size	FNPT Designation	FSW Designation
1/2"	FN05	SW05
3/4"	FN07	SW07
1"	FN10	SW10
1-1/2"	FN15	SW15
2"	FN20	SW20

DN150	PN16	RMC	FMC
	PN25	RMD	FMD
	PN40	RME	FME
	PN63	RMF	FMF
	PN100	RMG	FMG
	PN160	RMH	FMH
	PN250	RMJ	FMJ
	PN320	RMK	FMK

Note: 1. EN1092 Weld Neck flanges are type 11, EN1092 Slip On flanges are type 12.

Note: 1. EN1092 Weld Neck flanges are type 11, EN1092 Slip On flanges are type 12.

KM26S Magnetic Level Gauge Transmitter & Switch Accessories

Magnetostrictive Level Transmitters

AT200: Refer to DS/AT200-EN Data Sheet for Ordering Information
 AT600: Refer to DS/AT500/600-EN Data Sheet for Ordering Information

Magnetic Level Gauge Switches

LMS100: Refer to DS/LMS100-EN Data Sheet for Ordering Information
 MS30: Refer to DS/MS30-EN Data Sheet for Ordering Information
 MS40: Refer to DS/MS40-EN Data Sheet for Ordering Information
 MS41: Refer to DS/MS41-EN Data Sheet for Ordering Information
 PS35: Refer to DS/PS35-EN Data Sheet for Ordering Information
 PS45: Refer to DS/PS45-EN 2014 Data Sheet for Ordering Information

Vibration Level Switch

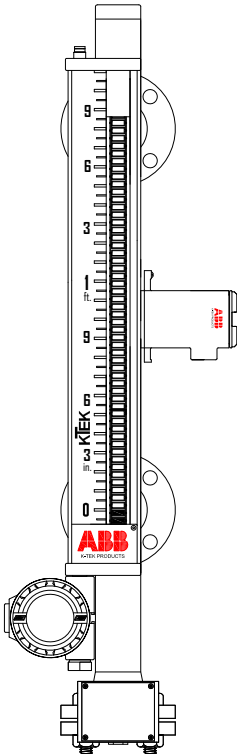
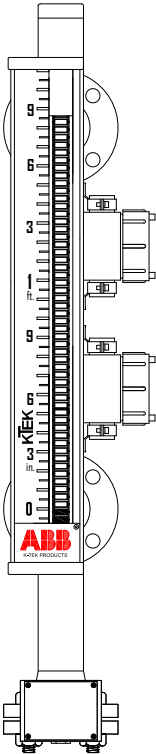
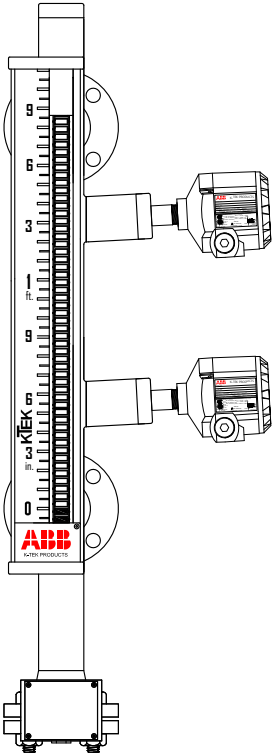
RS85: Refer to DS/RS85-EN Data Sheet for Ordering Information

Thermal Dispersion Switch

TX: Refer to DS/TX-EN Data Sheet for Ordering Information

All data sheets are available on the ABB website at www.abb.com/level.

Sample Accessories

KM26 with AT200 & MS41	KM26 with 2 MS40EX's	KM26 with 1 TX & 1 RS85
		

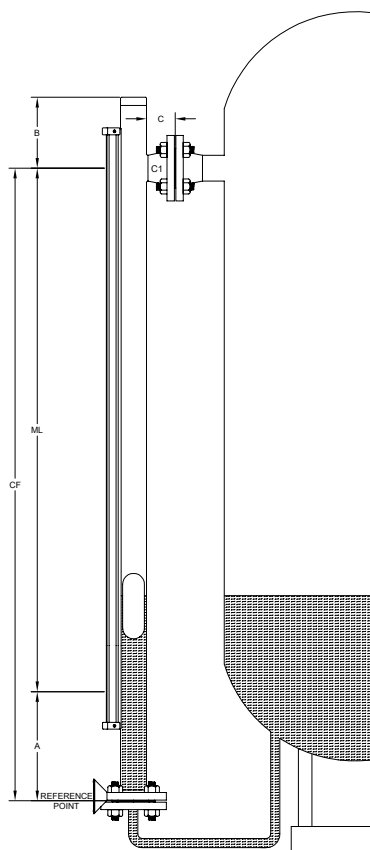
KM26S Magnetic Level Gauge

Example Applications

Top Process (from Side) and Bottom Process (from bottom) of KM26 (Center to Face)

Sample Model #:
KM26S.SS6.SS6.
W0.FE.X.X.G.X.R21.X.X.R21.S3G.B-TT1

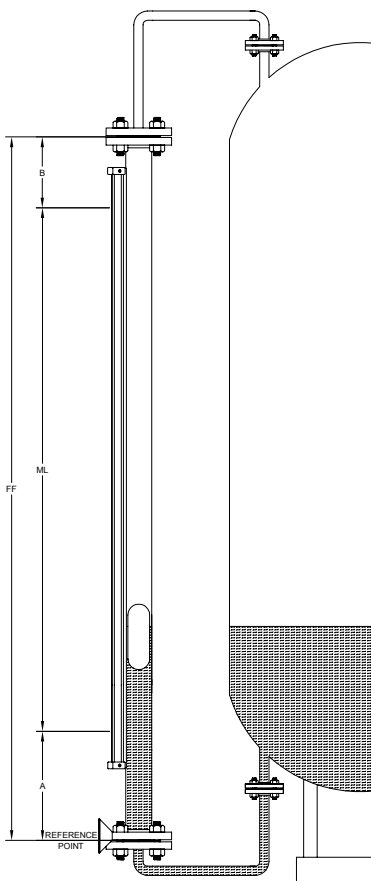
Note: The required CF and/or ML dimensions shall be specified by the customer.



Top Process and Bottom Process (from top and bottom) of KM26 (Face to Face)

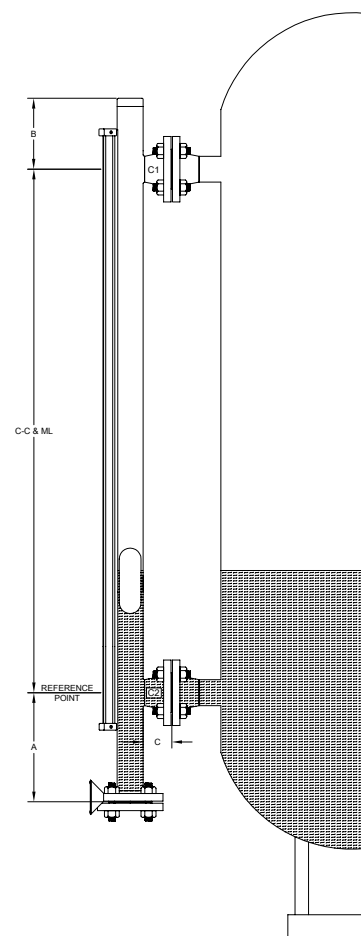
Sample Model #:
KM26S.SS6.
CST.G.X.X.X.G.R21.X.X.X.R21.S3P.C

Note: The required FF and/or ML dimensions (in addition to the desired A and B dimensions) shall be specified by the customer.



Top and Bottom Process Connection (from side) of KM26 (Center to Center)

Sample Model #:
KM26S.SS4.SS4.W0.FE.FE.X.B0.X.R23.
R23.X.X.S3G.D



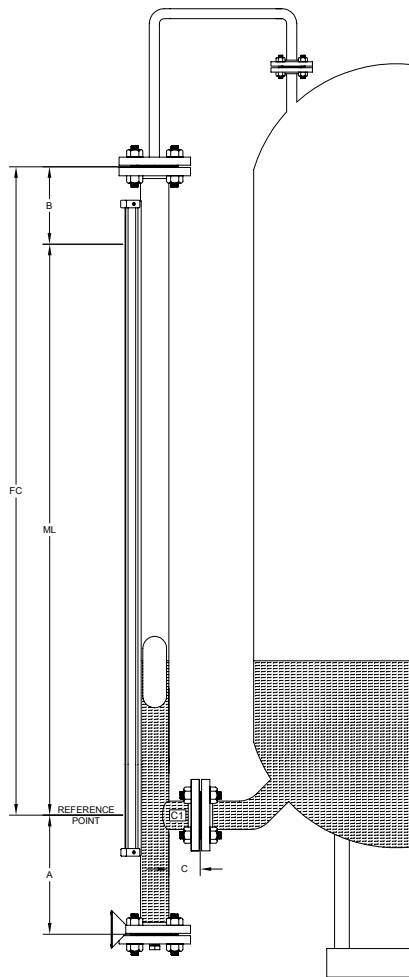
KM26S Magnetic Level Gauge

Example Applications

Top Process (from top) and Bottom Process (from bottom side) of KM26 (Face to Center)

Sample Model #:
KM26S.SS6.CST.G.G0.X.X.B2.R21.R21.X.X.P073.S3G.B

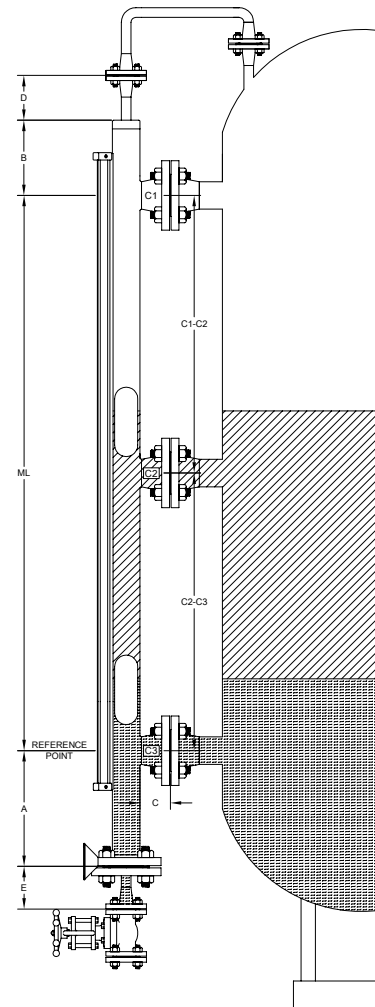
Note: The required FC and/or ML dimensions shall be specified by the customer.



Dual Level Application (Center to Center)

Sample Model #:
KM26S.SS6.SS6.W9W.FE.FE.FE.B9W.R51.R21.R21.
R21.R51.M1GD.B

Note: The distance between each side connection shall be specified by the customer.



KM26S Magnetic Level Gauge

Quotation Request - KM26S - Side Mount

Factory Contact: _____

Seller Information

Name: _____
Phone: _____
Email: _____
Company or LBU: _____
Main Phone: _____
Fax: _____

End User Information

Name: _____
Phone: _____
Email: _____
Company or LBU: _____
Main Phone: _____

Note: This information will be required before accepting an order. *All fields required

Tag ID#: _____

Process Conditions

Application for (select one): Total Level - Interface Level - Total & Interface

Upper Fluid Operating Sp. Gravity: _____

Minimum Specific Gravity: _____

Lower Fluid Second Sp. Gravity: _____

Fluid(s): _____

If water, steam service? ☐ Yes ☐ No

Operating Temp: _____

Max Temp: _____ Min. Temp: _____

Operating Pressure: _____

Max Pressure: _____

Minimum Ambient Temperature: _____

High Vibration Environment (Compressor Etc.)? ☐ Yes ☐ No

Chamber & Float Details

Chamber Material: _____

Float Material: _____

Connection Material: _____

Center to Center/ Measuring Length: _____

Vent/Drain Type & Size: _____

Process Connection

Type: _____

Size: _____

Rating: _____

Indicator Details

Select: ___ Shuttle or

___ Bar Graph (choose color combination) Yellow/Black - Red/White

Scale (select one): Feet/In - Running In. (1/2" Div.) - Running In. (1/8") - Meter/cm - Custom _____

Special Requirements: _____

KM26S Magnetic Level Gauge

Quotation Request - KM26S - Side Mount

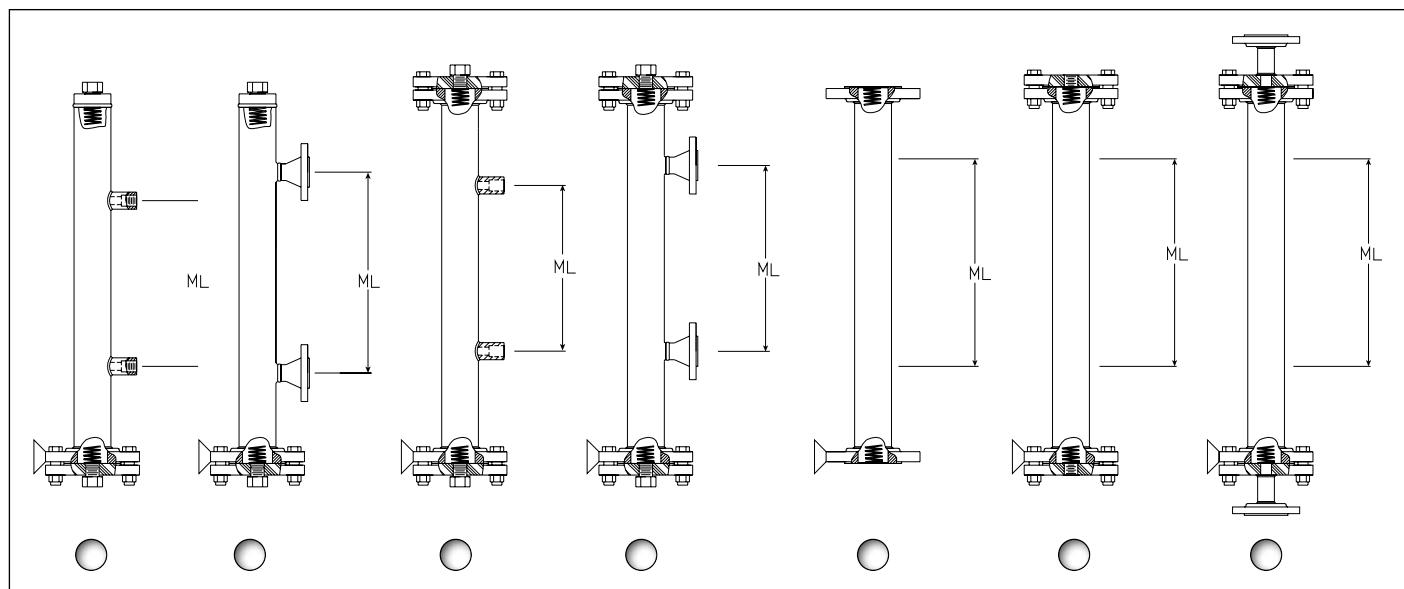
Accessories Required (choose all that apply)

- | | |
|--|--|
| ☐ Chamber Insulation | ☐ Magnetic Particle Traps |
| ☐ Electric Heat Tracing | ☐ Specialty Process Connection (specify type: _____) |
| ☐ Steam Jacket | ☐ Switches (specify type: _____) |
| ☐ Steam Tracing | ☐ Transmitter - AT600 or AT200 (select: FFB, Hart, LCD, Honeywell DE) |

Approval or Documentation required:

- | | | |
|-------------------------------|------------------------------|--------------------------------|
| ☐ CRN | ☐ PED | ☐ NACE |
| ☐ ASME | ☐ ABS | ☐ Other |

Choose the appropriate configuration below or attach a sketch

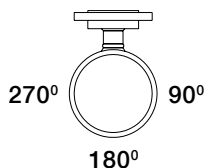


Select orientation (only 1 accessory allowed per position)

Indicator: ☐ 90° ☐ 180° ☐ 270°

AT Transmitter: ☐ 90° ☐ 180° ☐ 270°

Switches: ☐ 90° ☐ 180° ☐ 270°



Note: Overall length will always be greater than measuring length (ML). Please specify if a max overall length is required.

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Service