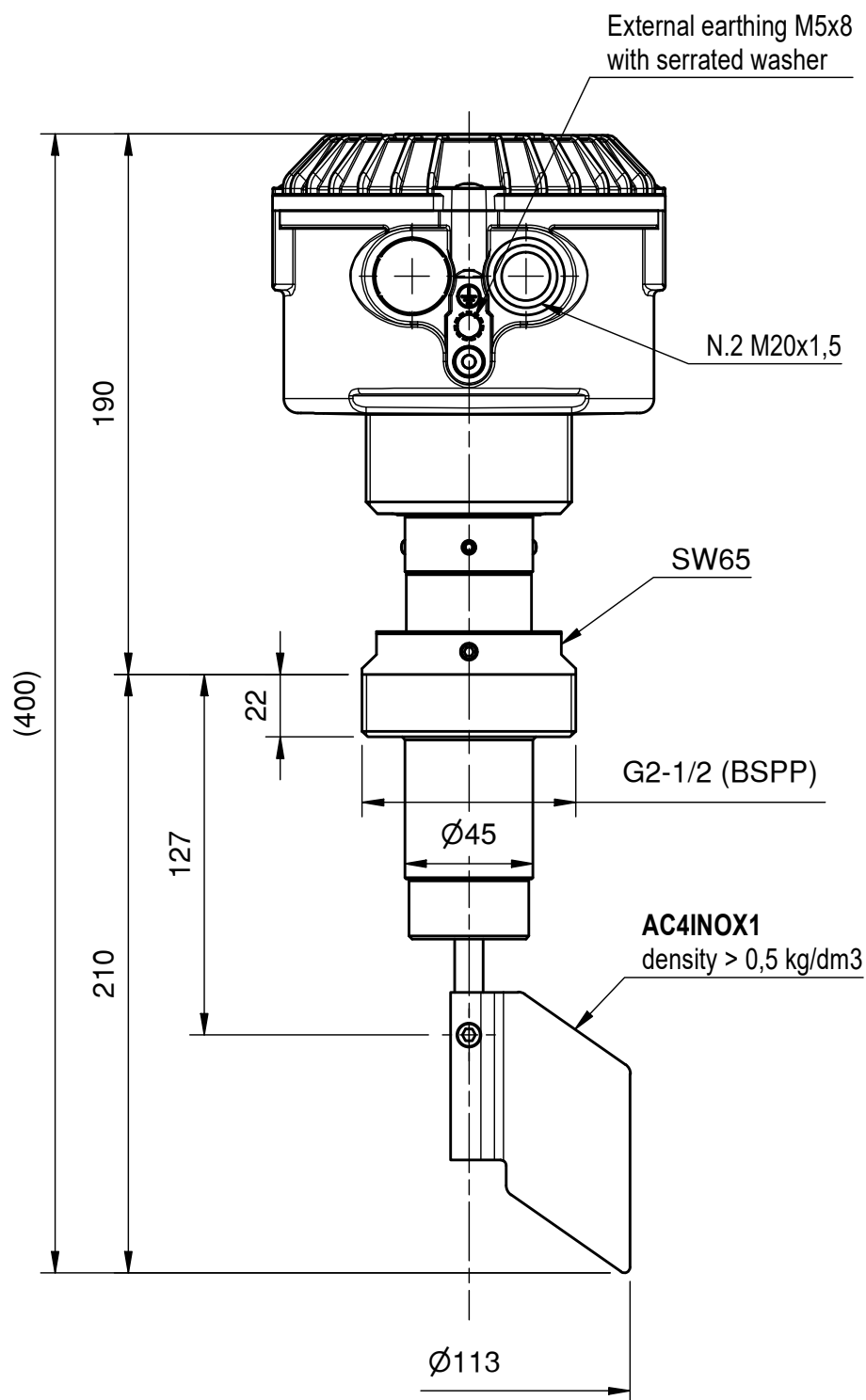
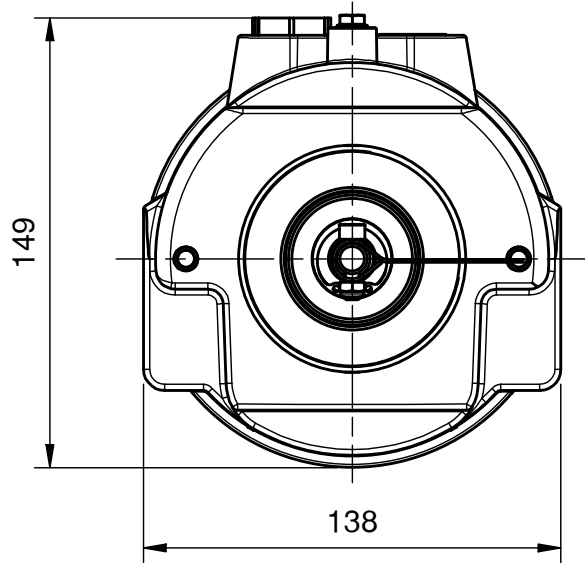
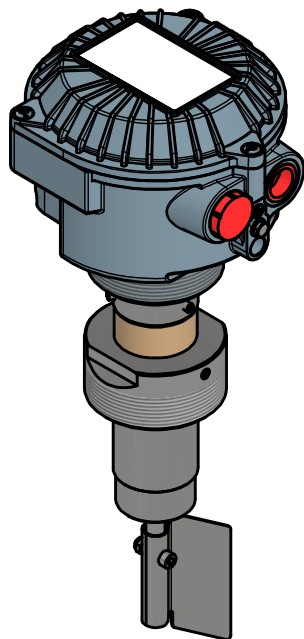




PFG05AT



MAX						OPTIONS					
10A / 250 V AC						VOLTAGE CONTROL					
0,5A / 24V DC						ROTATION CONTROL					
NO	COM	NC	NO	COM	NC			230	115	[N]	[N]
11	10	9	8	7	6			3	2	1	1
SIGNAL 2			SIGNAL 1			ALARMS		POWER SUPPLY			

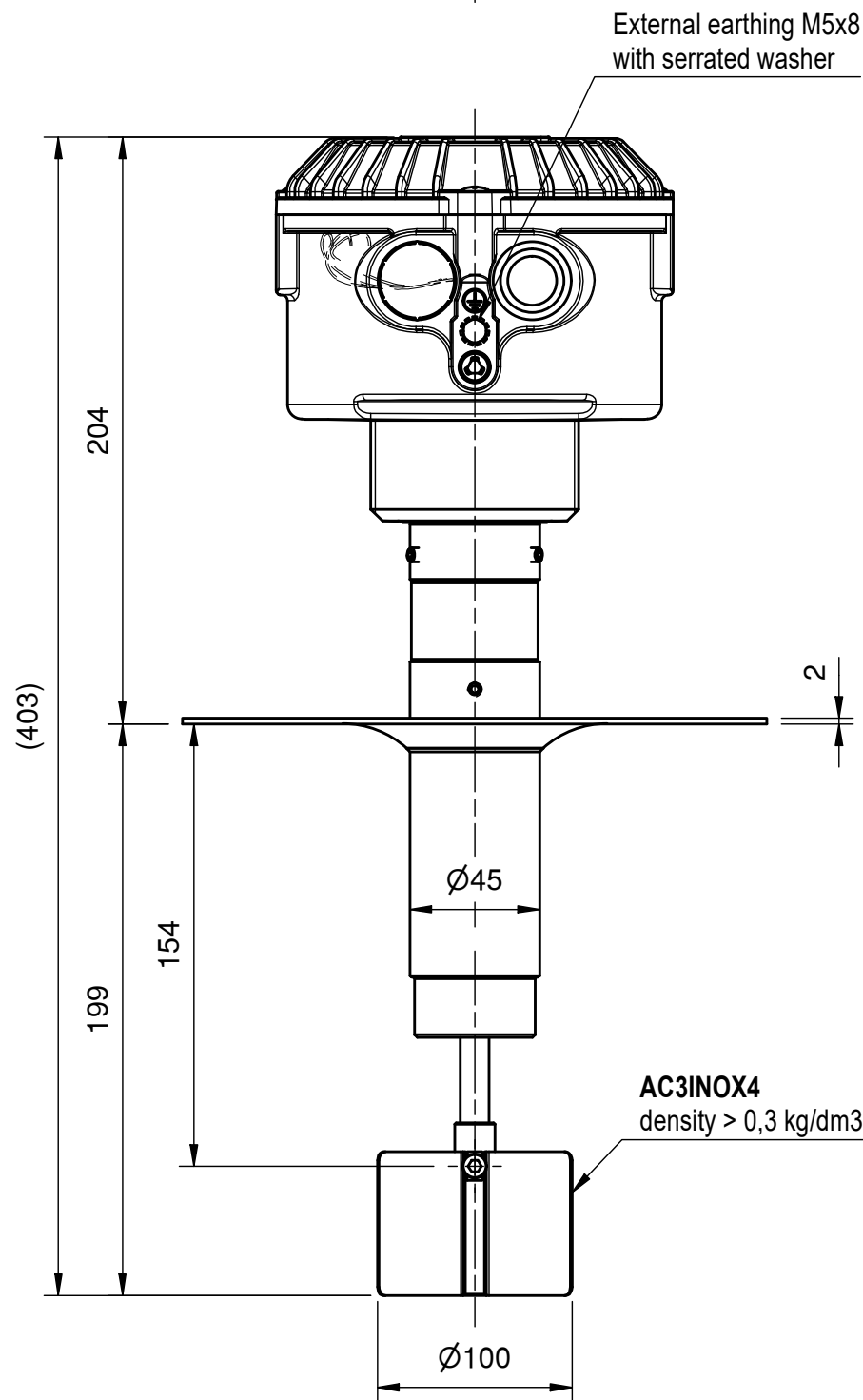
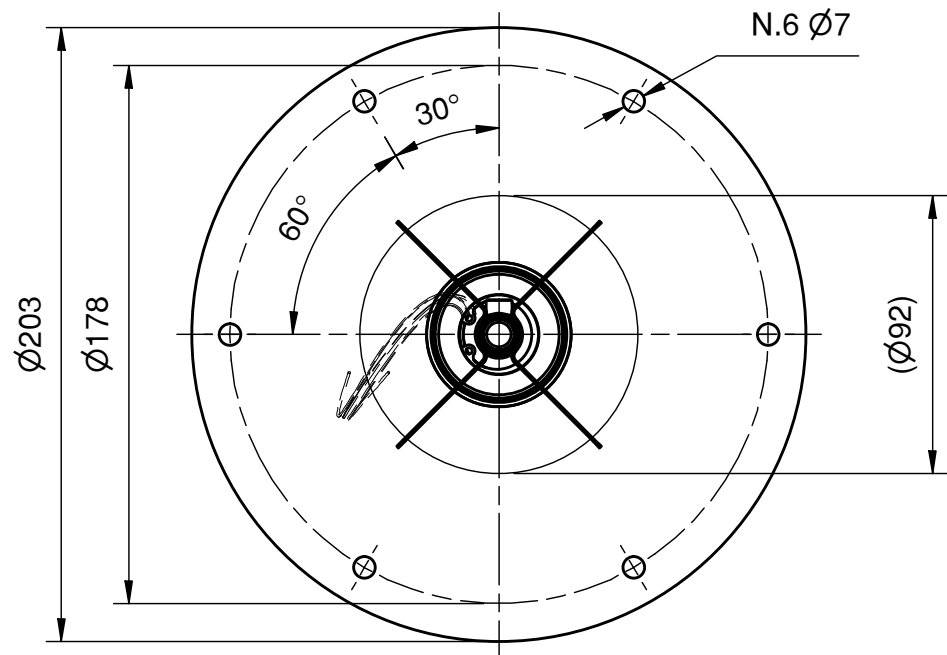
MAX						OPTIONS					
10A / 250 V AC						VOLTAGE CONTROL					
0,5A / 24V DC						ROTATION CONTROL					
NO	COM	NC	NO	COM	NC			48	24	[N]	[N]
11	10	9	8	7	6			3	2	1	1
SIGNAL 2			SIGNAL 1			ALARMS		POWER SUPPLY			

MAX						OPTIONS					
10A / 250 V AC						VOLTAGE CONTROL					
0,5A / 24V DC						ROTATION CONTROL					
NO	COM	NC	NO	COM	NC			-	±24	±24	
11	10	9	8	7	6			3	2	1	1
SIGNAL 2			SIGNAL 1			ALARMS		POWER SUPPLY			

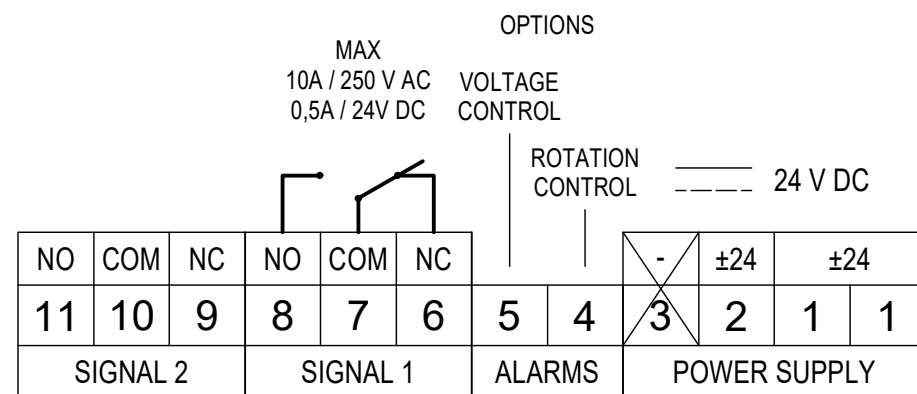
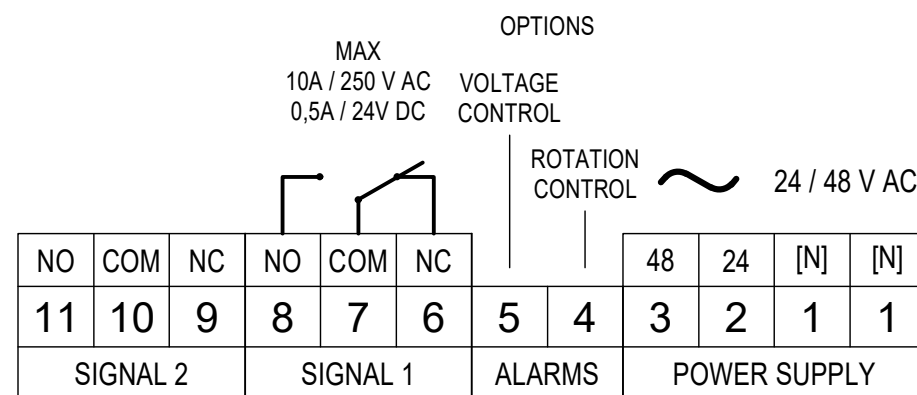
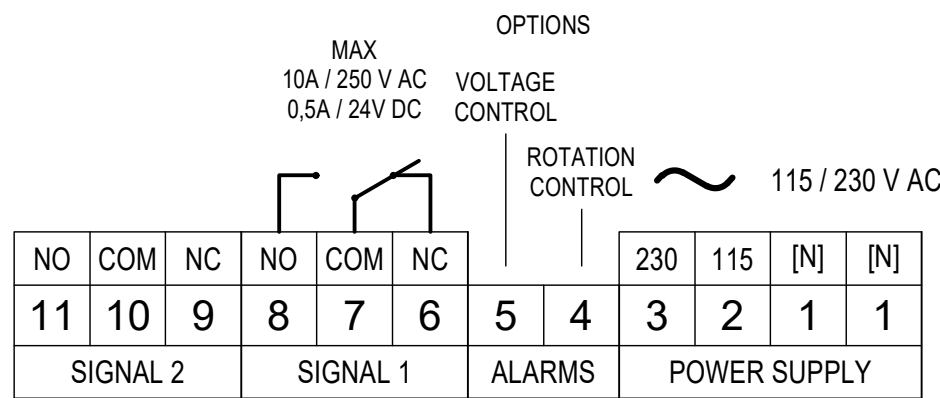
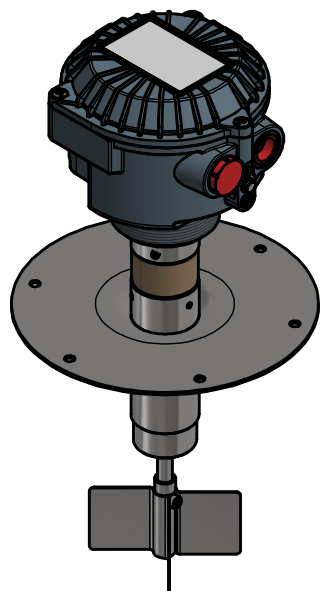
TERMINALS: male FASTON (.250 series / 6,3x0,8 mm)
see OPTIONS for more

Model	PFG05AT
Weight	3.0 [kg]
Power supply	- Bivoltage 115/230[V] (50...60Hz) - Bivoltage 24/48[V] (50...60Hz) - DC 24[V]
Consumption	4 [W] max
Signal	SPDT / max. 10[A]-250VAC / 0,5[A]-24VDC
IP grade	IP65
Housing	Aluminium (powder coated)
Connection	G 2" 1/2 - AISI304 / AISI316
Ambient temperature	-20 < Ta < +70 [°C] -40 < Ta < +70 [°C] LOW TEMPERATURE VERSION ONLY
Process temperature	-20 < Tp < +200 [°C]
Pressure range	+0,8 ... +1,1 bar [abs] +0.8 ... +5 bar [abs] (non-ATEX version)
Directives	2011/65/EU (RoHS) 2014/30/EU (EMC) 2014/34/EU (ATEX) 2014/35/EU (LVD)
ATEX Marking	Ex II 1/2 D Ex ta/tb IIIC T85°C IP65Da/Db Ex II 3 D Ex tc IIIB T85°C Dc (Lamp version)
IECEX Marking	Ex ta/tb IIIC T85°C Da/Db

02	15/06/26	Agg. generale + portata contatti	0022/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602 0004 00			DESCRIZIONE - Description SCHEMA TECNICA PFG05AT	
DISEGNATO Drawn by Colli S.			SCALA Scale 1 : 2,5	
DATA Date 25/07/25			FORMATO Format A3	
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication			FOGLIO Sheet 1	DI Of 5
FILE CAD Cad File 0602_0004_00-02.idw			MASSA Mass 3.06	kg
Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it			REV. 02	



PFG05AT F



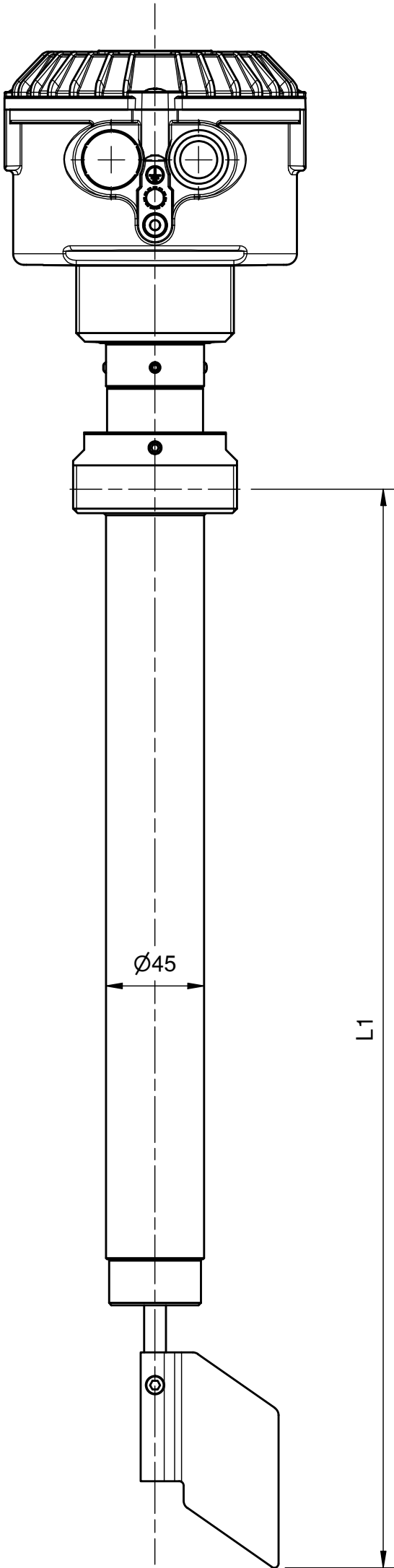
TERMINALS: male FASTON (.250 series / 6,3x0,8 mm)
see OPTIONS for more

Model	PFG05AT F
Weight	2.9 [kg]
Power supply	- Bivoltage 115/230[V] (50...60Hz) - Bivoltage 24/48[V] (50...60Hz) - DC 24[V]
Consumption	4 [W] max
Signal	SPDT / max. 10[A]-250VAC / 0,5[A]-24VDC
IP grade	IP65
Housing	Aluminium (powder coated)
Connection	Flange - AISI304 / AISI316
Ambient temperature	-20 < Ta < +70 [°C] -40 < Ta < +70 [°C] LOW TEMPERATURE VERSION ONLY
Process temperature	-20 < Tp < +200 [°C]
Pressure range	+0,8 ... +1,1 bar [abs] +0.8 ... +5 bar [abs] (non-ATEX version)
Directives	2011/65/EU (RoHS) 2014/30/EU (EMC) 2014/34/EU (ATEX) 2014/35/EU (LVD)
ATEX Marking	Ex II 1/2 D Ex ta/tb IIIC T85°C IP65Da/Db Ex II 3 D Ex tc IIIB T85°C Dc (Lamp version)
IECEX Marking	Ex ta/tb IIIC T85°C Da/Db

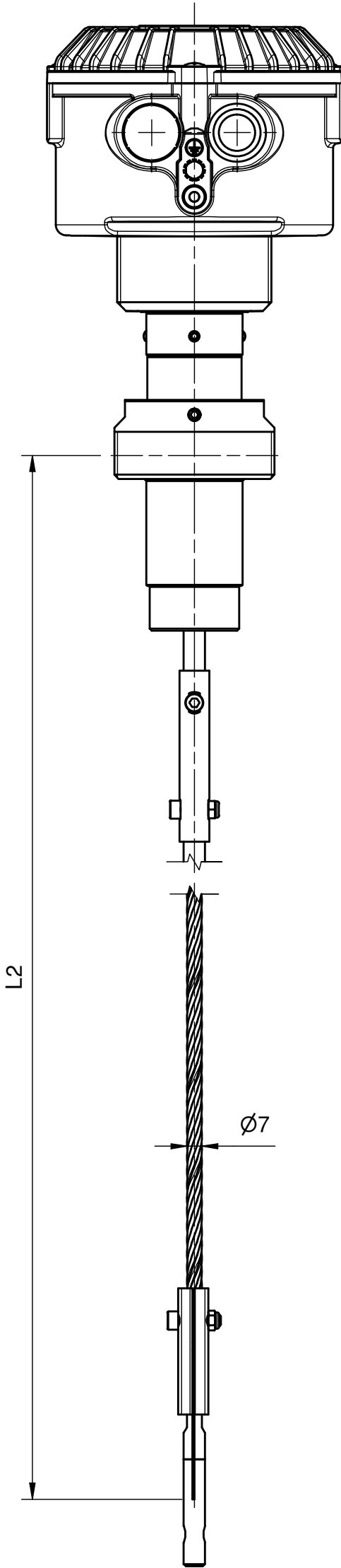
02	15/06/26	Agg. generale + portata contatti	0022/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602 0004 00		DESCRIZIONE - Description SCHEMA TECNICA PFG05AT		
DISEGNATO Drawn by Colli S.		SCALA Scale 1 : 2.5		
DATA Date 25/07/25		FORMATO Format A3		
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication		FOGLIO Sheet 2		
FILE CAD Cad File 0602_0004_00-02.idw		DI Of 5		
Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it		MASSA Mass 3.06 kg		
Tel. 0522 942641		REV. 02		

EXTENSIONS

Extension with external protection
PA : stainless steel



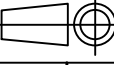
Flexible extension
PF : galvanized steel



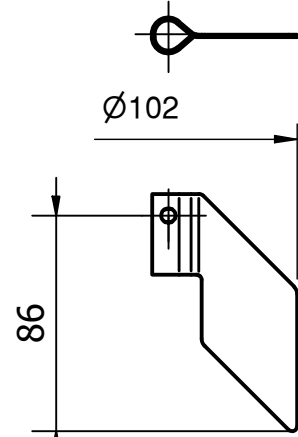
L1 [mm]
250
300
350
400
450
500
600
700
800
900
1000
1200
1500
1800
2000
2500
3000
other lengths available on request, up to 3m

L2 [mm]
500
600
700
800
900
1000
1200
1500
1800
2000
2500
3000
4000
5000
6000
7000
8000
9000
10000
11000
12000
other lengths available on request, up to 12m

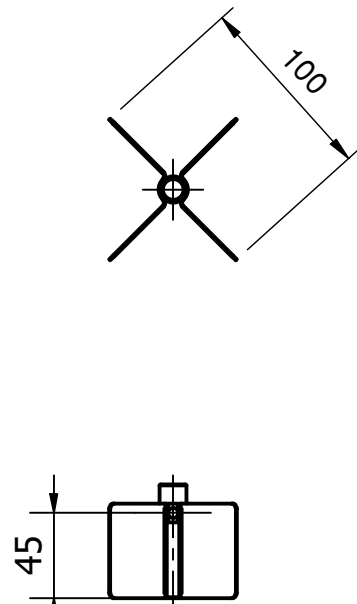
NOTE : lengths may slightly differ from the tables according to the type of connection, model and paddle chosen

02	15/06/26	Agg. generale + portata contatti	0022/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602 0004 00		DESCRIZIONE - Description SCHEDA TECNICA PFG05AT		
 Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it		DISEGNATO Drawn by Colli S.	SCALA Scale 1 : 2.5	
		DATA Date 25/07/25	FORMATO Format A3	
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication		FOGLIO Sheet 3	DI Of 5	REV. 02
FILE CAD Cad File		0602_0004_00-02.idw	MASSA Mass 3.06	kg

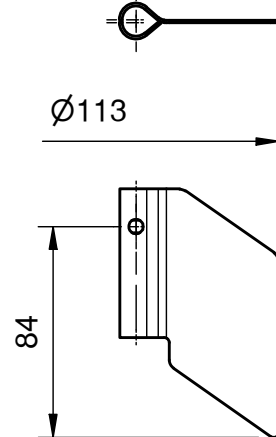
PADDLES



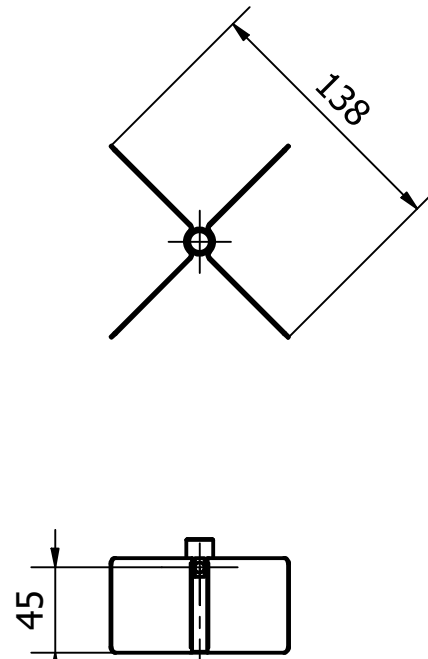
AC1 INOX
AISI 304
AISI 316
density > 1.0 kg/dm3



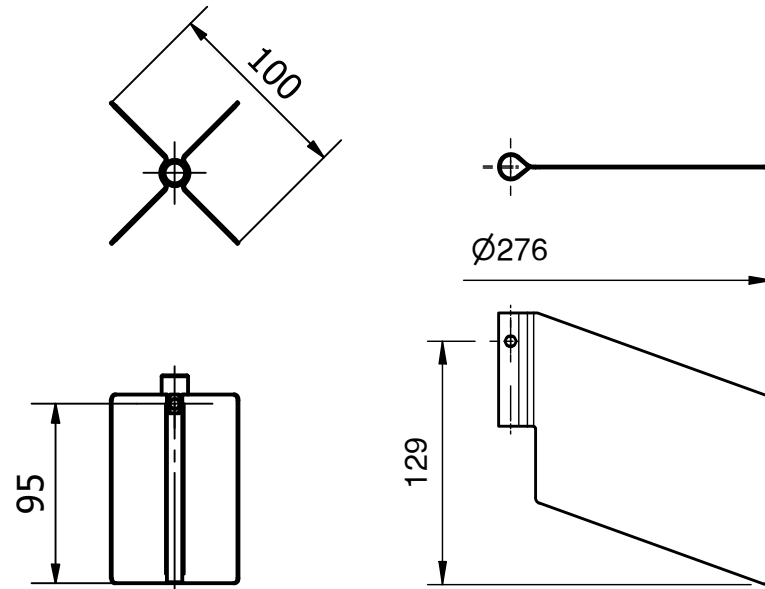
AC3 INOX
AISI 304
AISI 316
density > 0.3 kg/dm3



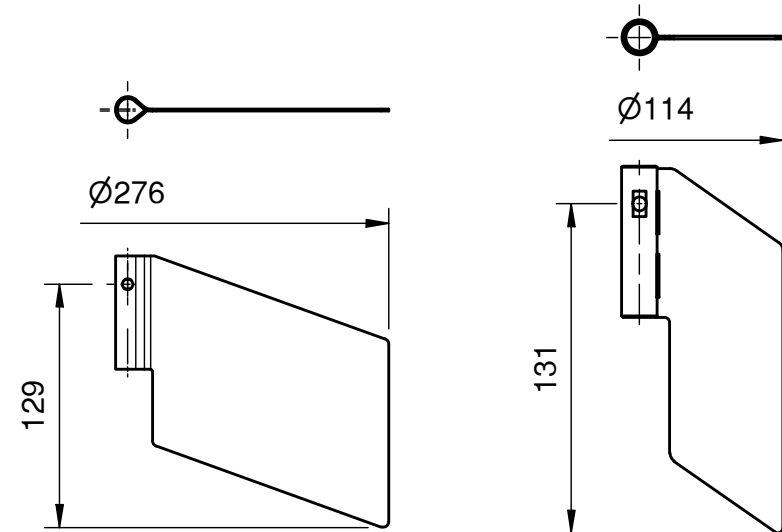
AC4 INOX
AISI 304
density > 0.5 kg/dm3



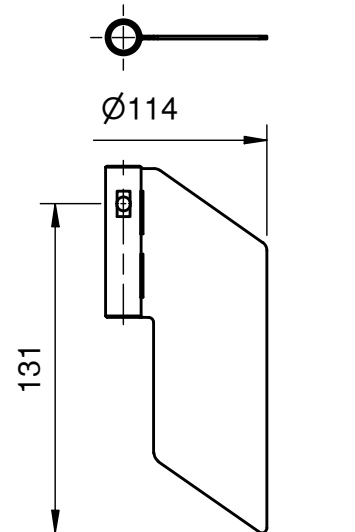
AC5 INOX
AISI 304
density > 0.2 kg/dm3



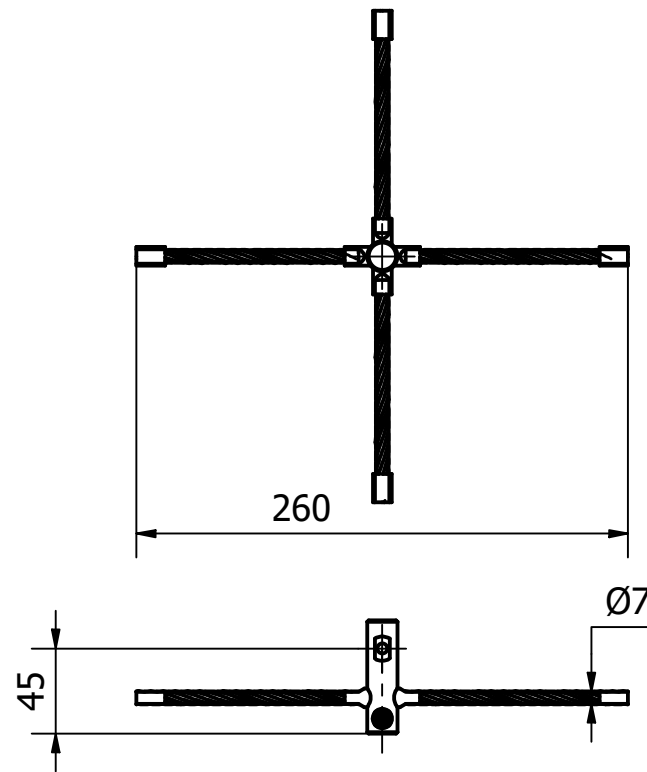
AC5L INOX
AISI 304
AISI 316
density > 0.2 kg/dm3



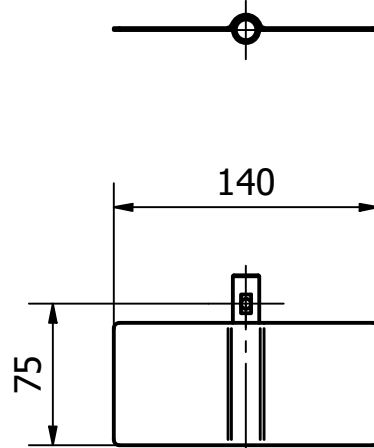
AC6 INOX
AISI 304
density > 0.1 kg/dm3



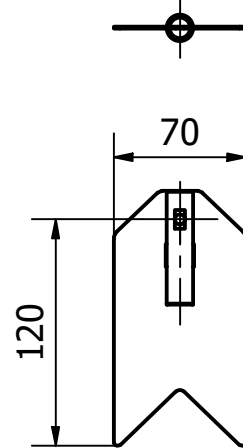
AC7 INOX
AISI 304
density > 0.3 kg/dm3



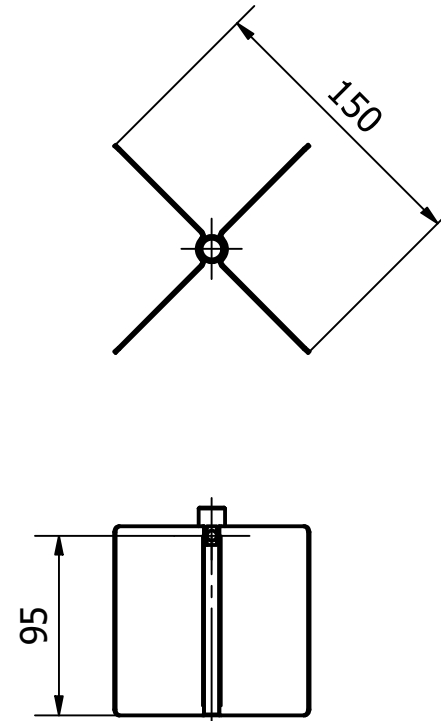
AC8
galvanized steel (wires)
density > 2.0 kg/dm3



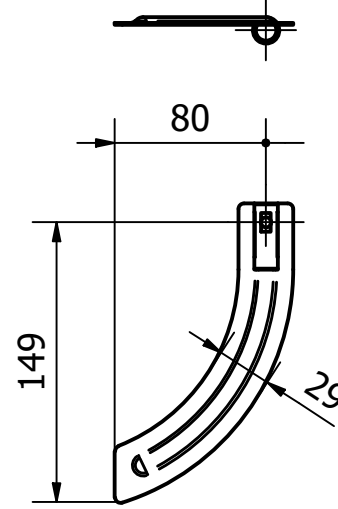
AC9 INOX
AISI 304
density > 0.2 kg/dm3



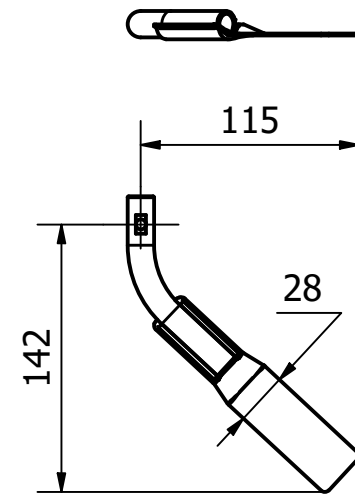
AC10 INOX
AISI 304
density > 0.6 kg/dm3



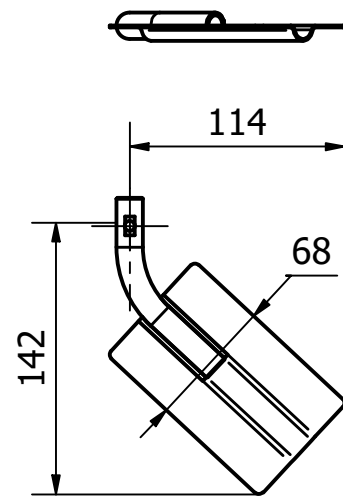
AC11 INOX
AISI 304
density > 0.1 kg/dm3



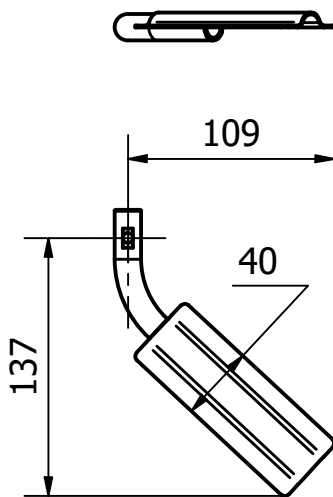
AC12 INOX
AISI 304
AISI 316
density > 0.4 kg/dm3



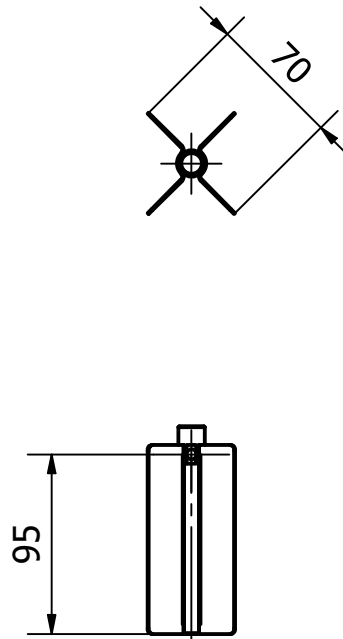
AC14 INOX
AISI 304
density > 0.4 kg/dm3



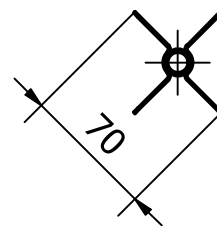
AC15 INOX
AISI 304
density > 0.2 kg/dm3



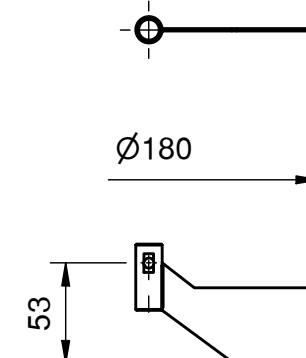
AC16 INOX
AISI 304
density > 0.3 kg/dm3



AC17 INOX
AISI 304
density > 0.4 kg/dm3



AC18 INOX
AISI 304
density > 0.7 kg/dm3

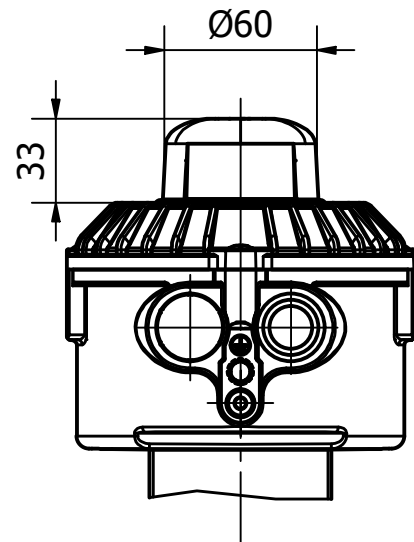


AC21 INOX
AISI 304
AISI 316
density > 0.25 kg/dm3

02	15/06/26	Agg. generale + portata contatti	0022/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602_0004_00		DESCRIZIONE - Description SCHEDA TECNICA PFG05AT		
DISEGNATO Drawn by Colli S.		SCALA Scale 1:3		
DATA Date 25/07/25		FORMATO Format A2		
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication		FOGLIO Sheet 4 DI 5		
FILE CAD Cadd File 0602_0004_00-02.idw		MASSA Mass 0,03 kg		
Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it		Tel. 0522 942641		

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OPTIONS



SIGNAL LAMP (PFG05.../L)

Adds a LED lamp on top. The lamp could be connected to NC contact (MIN level - empty), or NO contact (MAX level - full).

Must define a single power supply voltage:

- 24 [V] AC/DC
- 48 [V] AC
- 115[V] AC
- 230[V] AC

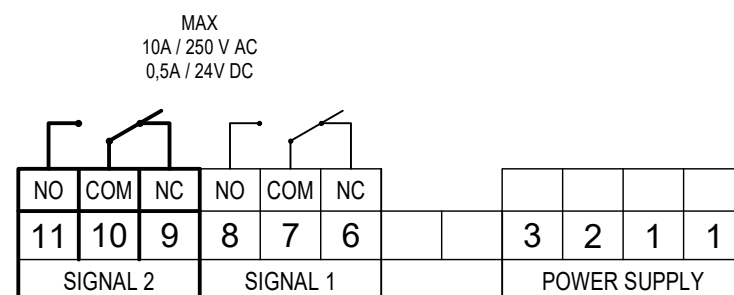
NOTE

Model with lamp can be installed only in Atex zone 22

Marking: Ex II 3 D Ex tc IIIB T85°C Dc

DOUBLE DRY CONTACT

Adds a second signal contact SPDT (terminals 9-10-11)



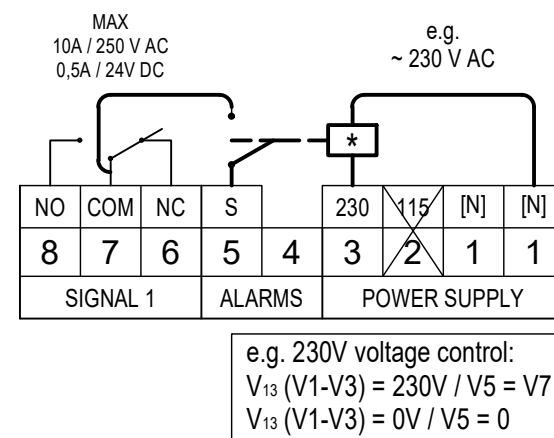
VOLTAGE CONTROL (PBC version > V5)

Adds an alarm in case of power supply failure.

When power supply is ON, a realy closes terminals 5 and 7

Must define a single power supply voltage (*):

- 24 [V] AC/DC
- 48 [V] AC
- 115 [V] AC
- 230 [V] AC (see example)

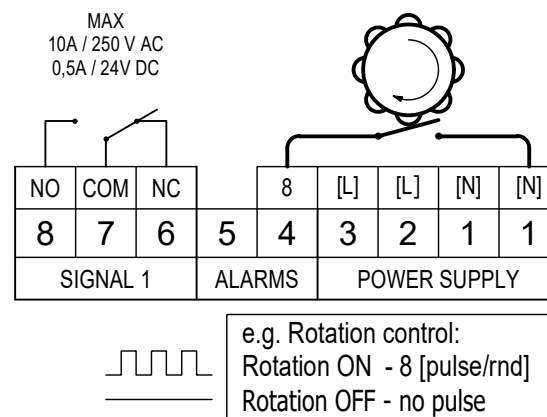


ROTATION CONTROL

Adds a signal to indicate shaft rotation.

When the shaft rotates, a microswitch generates a pulse signal (8 pulse / rotation) between terminals 1 and 4.

On request, it is possible to have the pulsed signal between terminals 4 and 7.



LOW TEMPERATURE (PFG05.../B)

Extends the range of use of the indicator down to a minimum temperature of -40°C.

Intelligent automatic operation: when the temperature exceeds +20°C it stops heating (heating OFF), it is reactivated when the temperature falls again below +20°C (heating ON).

Must define a single power supply voltage:

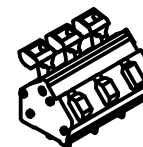
- 24 [V] AC/DC
- 48 [V] AC
- 115[V] AC
- 230[V] AC (see example)

SPRING TERMINAL BLOCK

Terminals with spring terminal design.

No tool needed for wires connection.

0.13 - 2.5 mm2 (AWG26 - AWG14)

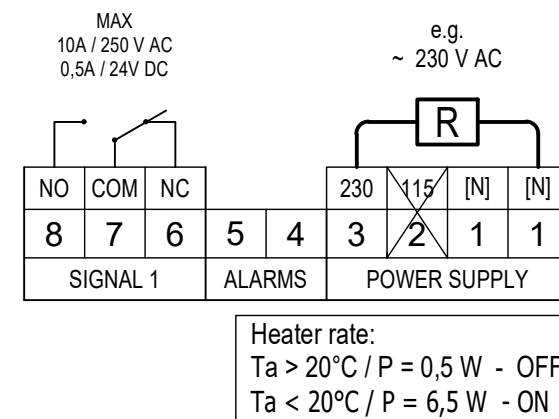
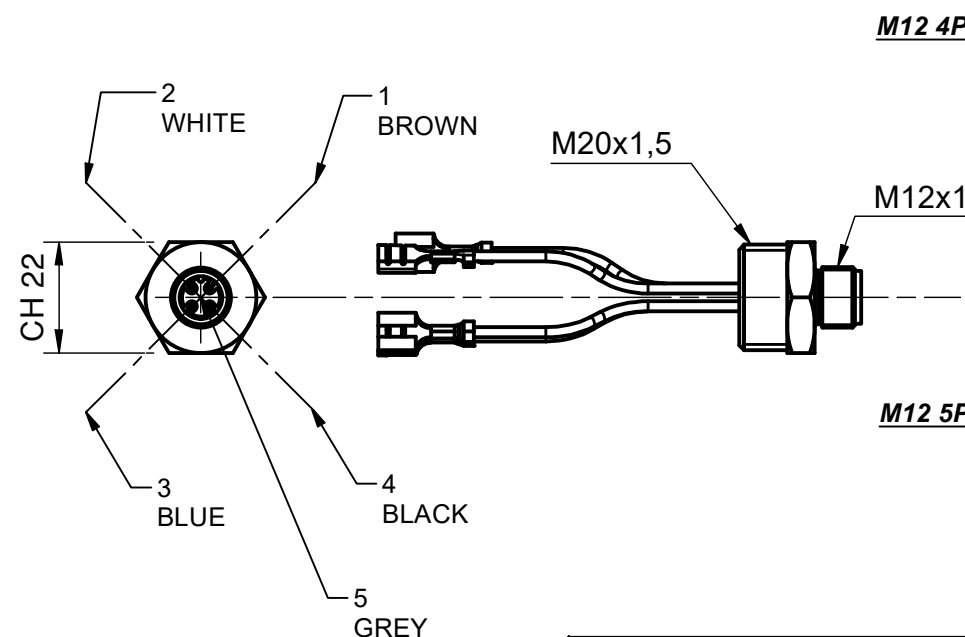


4rpm GEARMOTOR

Increase paddle speed (4rpm) to reduce product detection delay time (response time about 1.5s)

M12 CIRCULAR CONNECTOR

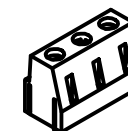
Through a M20x1,5 threaded reduction mounted in one of the cable entries of the level indicato, it is possible to use the 4/5 poles M12 connector for a quick and reliable connection. Available only for 24 V power supply (DC), maximum contacts capacity 4A.



SCREW TERMINAL BLOCK

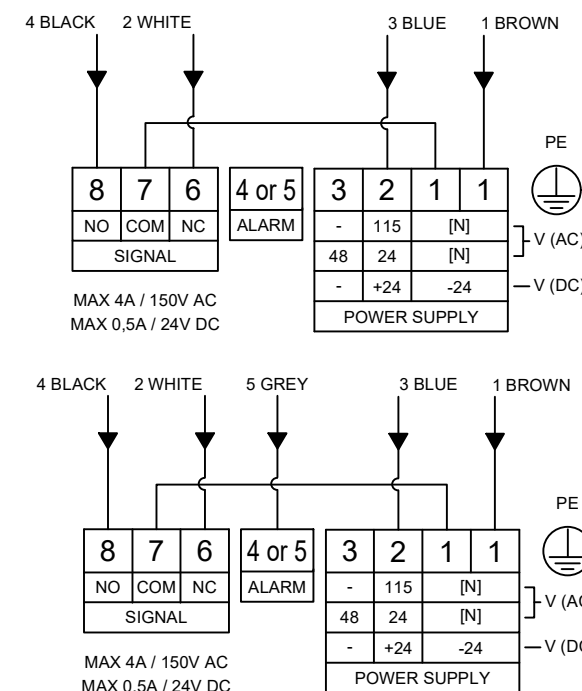
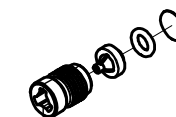
Terminals with screw terminal design (flat head).

0.05 - 2.5 mm2 (AWG30 - AWG12)



CONDENSATION FILTER

It allows exchange of air temperature and pressure with the ambient, preventing the formation of condensation. The option does not alter the IP grade and the Ex marking of the advice.



02	15/06/26	Agg. generale + portata contatti	0022/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code		DESCRIZIONE - Description		
0602_0004_00		SCHEDA TECNICA PFG05AT		
DISEGNATO		Colli S.	SCALA	1:3
DATA		25/07/25	FORMATO	A3
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE		All dimension are in mm unless otherwise indication	FOGLIO	5
FILE CAD		0602_0004_00-02.idw	DI	5
Cad File			MASSA	2,05
			kg	02