

ROTEX AUTOMATION EUROPE

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Type of Valve	: 3/2 Spring Return Direct acting Low Power (<5W) Universal Valve
Ordering Code	: P3017V01-R-5-2G-B9-M6-S2G+IV-24V-DC-62-NS-H-01
Item Code	: 93000030416
Port Connection	: 1/4" BSP(F)
Orifice Size (mm)	: 5 mm
Flow Factor (kv)	: 8 LPM
Body Material	: Stainless Steel 316L with internal wetted parts of Stainless Steel 316L
Manual Override	: Manual Override Provided Push to operate momentarily, for stayput using Screw Driver push & turn CW to operate valve
Seat Seal Material	: VITON GLT
Media	: Air, Clear Water
Main Pressure	: 0 - 10 bar
Media Temp Range	: -40°C to +160°C
Type of Solenoid	: Intrinsically Safe Coil with Circuit having integrated Terminals, Bottom Cable Entry 1/2" NPT(F), IP67
Size of Coil	: IV
Enclosure Material	: Aluminium Cast Powder coated
Voltage	: 24V DC
Power of Coil	: Refer Minimum Operating Parameter
Insulation Class	: Class H
Approval	: IEC Ex + ATEX
Minimum Operating Parameter	: V / I / W - 12.5V / 25.5mA / 0.3W
Entity Parameter	: Ui - 32V DC, Ii - 230mA, Pi - 2.3W, Li - 0, Ci - 0
Coil Certificate nr.	: IECEx BAS 12.0128X - Issue 1, Baseefa12ATEX0243X - Issue 1
Marking	: Ex ia IIC T5, Ga (-60 °C ≤ Ta ≤ 75 °C) Ex ia IIC T6, Ga (-60 °C ≤ Ta ≤ 60 °C) Ex ia IIIC T200 125 °C IP67 Da (-60 °C ≤ Ta ≤ 75 °C)

Response ON Time For Solenoid Valve

Voltage(V)	12.5	14	18	22	24	26	30	32
Current(mA)	25.5	28.5	37	45	49.7	54	63	67
Response Time(ms)≤	2500	1600	850	650	450	400	250	250

Current(mA)	18.5	20	25	30
Open Ckt, Voltage(V)	19.5	19.5	19.5	19.5
Time(ms)≤	5000	4000	2500	2000

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