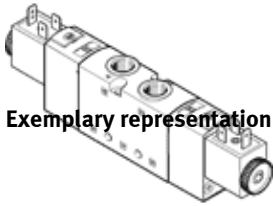


Solenoid valve

VUVS-25

Part number: 8022014
 ★ Core product range



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	2x3/2 closed, monostable 2x3/2 open, monostable 2x3/2 open/closed, monostable 3/2 closed, monostable 3/2 open, monostable 5/2 bistable 5/2 monostable 5/3 pressurized 5/3 exhausted 5/3 closed
Type of actuation	electrical
Valve size	26.5 mm
Standard nominal flow rate	1,000 ... 1,300 l/min
Working pressure	-0.9 ... 10 bar
Design structure	Piston slide Poppet seat
Type of reset	mechanical spring Air spring
Authorization	c UL us - Recognized (OL)
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
UKCA marking (see declaration of conformity)	To UK EX instructions
ATEX category Gas	II 3G
ATEX category Dust	II 3D
Explosion ignition protection type Gas	Ex ec IIC T4 Gc X
Explosion ignition protection type Dust	Ex tc IIIC T115°C Dc X
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +60°C
Protection class	IP65 IP67 with plug socket to IEC 60529
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Type of piloting	Piloted
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Mounting type	on manifold rail with through hole

Feature	Value
	Optional
Scavenging orifice connection	Non-ducted
Materials note	Conforms to RoHS
Material housing	Aluminum die cast Painted
Material screws	Galvanized steel