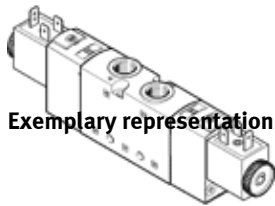


solenoid valve

VUVS-30

Part number: 8022017
 ★ Core product range

FESTO



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 pressurised 5/3 exhausted 5/3 closed
Type of actuation	electrical
Valve size	31 mm
Standard nominal flow rate	1,500 ... 2,400 l/min
Operating pressure MPa	-0.09 ... 1 MPa
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide Poppet seat
Type of reset	mechanical spring Air spring
Authorisation	c UL us - Recognized (OL)
Maritime classification	see certificate
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
UKCA marking (see declaration of conformity)	To UK EX instructions
Certificate issuing department	DNVGL-TAA000011J
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

Feature	Value
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 60 °C
Mounting type	on manifold rail with through hole Optional
Scavenging orifice connection	Non-ducted
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Material housing	Aluminium die cast Painted
Material Piston slide	Wrought Aluminium alloy
Material screws	Steel, nickel-plated