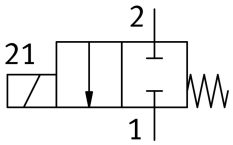
Media separated solenoid valve VYKB-F10-M22C-16-PE-1HPA

Part number: 8122804



Data sheet

Feature	Value
Design	Electrical connection at the side Rocker valve with diaphragm seal
Sealing principle	Soft
Material in contact with the medium	EPDM PEEK
Valve function	2/2-way, closed, monostable
Nominal size	1.6 mm
Flow direction	Non-reversible
Type of actuation	Electric
Type of piloting	Direct
Type of reset	Mechanical spring
Manual override	None
Mounting position	optional
Type of mounting	Via through-hole for M2 screw
Electrical connection 1, connection type	Cable with plug
Electrical connection 1, connector system	Connection pattern HP
Size	10
Fluid connection	Flange
Medium	Liquid media Gaseous media
Note on the medium	Observe resistance of materials that come into contact with the media Maximum particle size 5 µm
Internal volume	35 µl
Media temperature	0 °C...50 °C
Media temperature for fluids	0 °C...50 °C
Ambient temperature	0 °C...50 °C
Storage temperature	-20 °C...70 °C
Medium pressure	-0.075 MPa...0.1 MPa -0.75 bar...1 bar -10.875 psi...14.5 psi
Overload pressure	0.3 MPa 3 bar 43.5 psi
Operational voltage range DC	24 V

Feature	Value
Permissible voltage fluctuations	+/- 10 %
Characteristic coil data	24 V DC: low-current phase 1 W, high-current phase 3.7 W
Duty cycle	100%
Max. switching frequency	2 Hz
Switching time on	15 ms
Switching time off	15 ms
Flow rate Kv	0.034 m³/h
Material housing	PEEK
Material membrane	EPDM
Material seals	EPDM
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Product weight	18 g
Degree of protection	IP40
Corrosion resistance class CRC	0 - No corrosion stress
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions