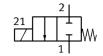
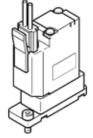
media separated solenoid valve VYKB-F10-M22C-16-PV-5HPS Part number: 8122814







Data sheet

Feature	Value
Design structure	Electrical connection at top
	Rocker valve with diaphragm seal
Sealing principle	soft
Materials in contact with media	FPM
	PEEK
Valve function	2/2 closed, monostable
Nominal size	1.6 mm
Flow direction	non reversible
Type of actuation	electrical
Type of piloting	direct
Type of reset	mechanical spring
Manual override	None
Assembly position	Any
Mounting type	With through-hole for M2 screw
Electrical connection 1, connection type	Cable with plug
Electrical connection 1, connection technology	Plug pattern HP
Size	10
Fluid connection	Flange
Medium	Fluid media
	Gaseous media
Information on the medium	Observe resistance of materials that come into contact with media
	Maximum particle size: 5 μm
Internal volume	35 µl
Medium temperature	0 50 °C
Temperature of liquid media	0 50 °C
Ambient temperature	0 50 °C
Storage temperature	-20 70 °C
Pressure of medium	-0.075 0.1 MPa
Medium pressure	-0.75 1 bar
Pressure of medium psi	-10.875 14.5 psi
Overload pressure	0.3 MPa
	3 bar
Overload pressure (psi)	43.5 psi
Operating voltage range DC	12 V
Permissible voltage fluctuation	-5 % / +10 %
Characteristic coil data	12 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	FPM
Material seals	FPM
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III



Feature	Value
Product weight	18 g
Protection class	IP40
Corrosion resistance classification CRC	0 - No corrosion stress
CE symbol (see declaration of conformity)	according to EU-EMV guideline
	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
	To UK RoHS instructions