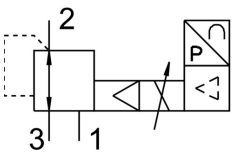
Proportional pressure control valve MPPES-3-1/2-10-010

Part number: 187326





Data sheet

Feature	Value
KC characters	KC EMC
Nominal width pressurization	11 mm
Exhaust nominal width	12 mm
Type code	MPPES
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Any
Design	Pilot-controlled piston control valve
Short-circuit protection	For all electrical connections
Safety instructions	MPPES safety position: if the power supply cable breaks, the outlet pressure will drop to 0 bar.
Symbol	00995304
Reverse polarity protection	for all electrical connections
Valve function	3-way proportional pressure control valve closed
Operating pressure	≤12 bar
Pressure regulation range	0 bar ... 10 bar
Inlet pressure 1	11 bar ... 12 bar
Max. pressure hysteresis	0.05 bar
Switching time off	450 ms
On switching time	230 ms
DC operating voltage range	18 V ... 30 V
Residual ripple	10 %
Setpoint/actual values	Voltage type 0 - 10 V
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
CE marking (see declaration of conformity)	As per EU EMC directive
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium	0 °C ... 60 °C
Degree of protection	IP65
Ambient temperature	0 °C ... 50 °C
Certification	RCM compliance mark
Product weight	2670 g

Feature	Value
Electrical connection	8-pin M16x0.75 Plug as per DIN 45326 Round design
Type of mounting	With through-hole
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2
Pneumatic connection 3	G1/2
Note on materials	RoHS-compliant
Housing material	Wrought aluminum alloy
Diaphragm material	NBR