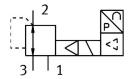
## Proportional-pressure regulator VPPM-8

Part number: 543433







## General operating condition

## **Data sheet**

Overall data sheet – Individual values depend upon your configuration.

pressure is main Symbol  Reverse polarity protection  For all electrical Type of reset  Mechanical sprin Type of piloting  Pilot actuated Valve function  Display type  Back-lit LCD  LED  Pressure regulation range  0.02 bar 10 ba Inlet pressure 1  0 bar 11 bar Inlet pressure 1  OMPa 1.1 MP Standard nominal flow rate (standardised to DIN 1343)  450 l/min 275  Operational voltage range DC  Max. current consumption  Duty cycle  Max. electrical power consumption  Residual ripple  Operating medium  Compressed air inert gases  Note on operating and pilot medium  Lubricated opera	onnections  PPM: if the power supply cable is interrupted, output ained unregulated.  onnections
Sealing principle  Mounting position  Design  Piloted diaphrag Short circuit current rating  For all electrical Safety instructions  Safety position \ pressure is main Symbol  Reverse polarity protection  Type of reset  Mechanical sprint Type of piloting  Pilot actuated Valve function  Display type  Back-lit LCD LED  Pressure regulation range  0.02 bar 10 bar 11 bar Inlet pressure 1  0 bhar 11 bar Inlet pressure 1  Operational voltage range DC  Max. current consumption  Duty cycle  Max. electrical power consumption  Residual ripple  Operating medium  Compressed air inert gases  Note on operating and pilot medium  Lubricated opera	onnections  PPM: if the power supply cable is interrupted, output ained unregulated.  connections
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Max. current consumption       300 mA         Duty cycle       100%         Max. electrical power consumption       7 W         Residual ripple       10 %         Operating medium       Compressed air Inert gases         Note on operating and pilot medium       Lubricated operating	l/min
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Operating medium Compressed air Inert gases  Note on operating and pilot medium Lubricated opera	
Note on operating and pilot medium Lubricated opera	
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	ion not possible
Approval RCM trademark c UL us listed (0	
KC mark KC-EMV	
CE mark (see declaration of conformity)  To EU EMC Direction accordance with the conformity of the con	
UKCA marking (see declaration of conformity)  To UK instruction To UK ROHS instru	n EU ROHS DIrective
Certificate issuing authority UL E322346	for EMC
Corrosion resistance class CRC 2 - Moderate cor	for EMC

Feature	Value
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	10 °C 50 °C
Degree of protection	IP65
Ambient temperature	0 ℃ 60 ℃
Product weight	560 g
Linearity	1 %FS
Hysteresis	0.5 %FS
Reproducibility	0.5 %FS
Total accuracy	1.25%FS
Temperature cooefficient	0.04 %/K
Repetition accuracy FS	0.5 %
Electrical connection	8-pin M12 Plugs Via sub-base
Type of mounting	Either: With through-hole With accessories
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Note on materials	RoHS-compliant
Material housing	Anodised