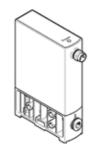
proportional pressure regulator VEAB-L-26-D18-Q4-V2-1R1 Part number: 8153682



Data sheet

Feature	Value	
Valve function	3-way proportional-pressure regulator	
Type of piloting	direct	
Type of reset	mechanical spring	
Type of actuation	electrical	
Assembly position	Any	
Sealing principle	soft	
Ambient temperature	0 50 °C	
Medium temperature	5 50 °C	
Storage temperature	-20 70 °C	
Dimensions W x L x H	18 mm x 60,5 mm x 85 mm	
Pneumatic connection, port 1	QS-4	
Pneumatic connection, port 2	QS-4	
Pneumatic connection, port 2	QS-4	
Material seals	NBR	
Mounting type	with through hole	
	with accessories	
	Optional	
Supply pressure 1 MPa	0 0.55 MPa	
Inlet pressure 1	0 5.5 bar	
Supply pressure 1 psi		
Output pressure 2	0 79.75 psi -0.1 0.5 MPa	
Output pressure 2		
	-1 5 bar	
	-14.5 72.5 psi	
Input pressure 3	-0.1 MPa	
	-1 bar	
	-14.5 psi	
Standard nominal flow rate	>= 21 l/min	
Standard nominal flow rate 2-3	>= 14.5 l/min	
Linearity error, FS	0.5 %	
Repetition accuracy in ± %FS	0.4 %FS	
Hysteresis FS	0.25 %FS	
Temperature coefficient	0.05 %/K	
Absolute accuracy in ± %FS at room temperature	0.75 %FS	
Product weight	70 g	
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]	
	Inert gases	
Note on operating and pilot medium	Lubricated operation not possible	
Protection class	IP65	
Authorisation	RCM Mark	
KC mark	KC-EMV	
CE mark (see declaration of conformity)	to EU directive for EMC	
	in accordance with EU RoHS directive	
UKCA marking (see declaration of conformity)	To UK instructions for EMC	
	To UK RoHS instructions	
Materials note	Conforms to RoHS	
PWIS conformity	VDMA24364 zone III	





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Feature	Value	
Corrosion resistance classification CRC	2 - Moderate corrosion stress	
Operating voltage range DC	19 29 V	
Nominal operating voltage DC	24 V	
Residual ripple	10 %	
Setpoint value	0 - 5 V	
Signal range, analogue output	1 - 5 V	
Accuracy, analogue output FS	2 %FS	
Max. electrical power consumption	1 W	
Polarity protected	for all electrical connections	
Short circuit strength	for all electrical connections	
Safety instructions	Safety position VEAA/VEAB	
Type of display	LED	
Electrical connection	4-pin	
	M8x1	
	Plug	
	to EN 60947-5-2	
Material housing	PA-reinforced	