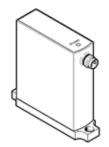
## **Proportional pressure regulator VEAB-B-26-D14-F-V2-1R1** Part number: 8153671



## **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 67 mm x 66 mm	
Pneumatic connection, port 1	Flange	
Pneumatic connection, port 2	Flange	
Pneumatic connection, port 3	Flange	
Material seals	NBR	
Mounting type	with through hole	
0.75-	with accessories	
	Optional	
Supply pressure 1 MPa	0 MPa	
Inlet pressure 1	0 bar	
Supply pressure 1 psi	0 psi	
Output pressure 2	-0.10.0005 MPa	
	-10.005 bar	
	-14.50.0725 psi	
Input pressure 3	-0.1 MPa	
Inlet pressure 3	-1 bar	
Input pressure 3	-14.5 psi	
Standard nominal flow rate	>= 4.5 l/min	
Standard nominal flow rate 2-3	>= 3 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	
Authorization	RCM Mark	
KC mark	KC-EMV	
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	
Materials note	Conforms to RoHS	
PWIS conformity	VDMA24364 zone III	





## FESTO

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, analog output	1 - 5 V	
Accuracy, analog 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	