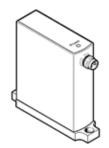
## proportional pressure regulator VEAB-B-26-D14-F-V1-1R1 Part number: 8046271



## **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		
	with accessories		
	Optional		
Supply pressure 1 MPa	0.1 MPa		
Inlet pressure 1	1 bar		
Supply pressure 1 psi	14.5 psi		
Output pressure 2	-0.10.0005 MPa		
	-10.005 bar		
	-14.50.0725 psi		
Input pressure 3	-0.1 MPa		
	-1 bar		
	-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		
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		
OKCA marking (see declaration of comornity)	To UK RoHS instructions		
Materials note	Conforms to RoHS		
	VDMA24364 zone III		
PWIS conformity	V DIVIA24304 ZUITE 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 - 10 V	
Signal range, analogue output	0 - 10 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	