Manifold rail
VABM-L3-10W-G18-M7-16

Part number: 8251690



Data sheet

Feature	Value
Length	188.5 mm
Grid dimension	10.5 mm
Valve size	10 mm
Max. number of valve positions	16
Pilot air supply	External
Operating pressure	-0.09 MPa...1 MPa -0.9 bar...10 bar
Suitability for vacuum	Yes
Approval	RCM c UL us - Recognised (Oil)
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Storage temperature	-20 °C...60 °C
Suitable for use with food	NSF H1
Media temperature	-10 °C...60 °C
Relative air humidity	5 - 95%
Ambient temperature	-10 °C...60 °C
Max. tightening torque H-rail mounting	2 Nm
Max. tightening torque for valve mounting	0.3 Nm
Max. tightening torque wall mounting	3 Nm
Product weight	499 g
Electrical control	Individual connection
Mounting method for sub-base	With through-hole
Mounting method for valve	With female thread
Pilot air port 12/14	M5
Pilot exhaust port 82/84	M5
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	M7

Feature	Value
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	M7
Pneumatic connection, port 5	G1/8
Note on materials	RoHS compliant
Material manifold rail	Wrought aluminium alloy