

Service unit
MS6-EM1FR-1/2-D6-E-P-M-AG-BAR-WP-F1A-B
Part number: 8176529

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Size	6
Series	MS
Mounting position	Vertical +/-5°
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure gauge
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Operating pressure	14.5 psi ... 145 psi
Standard nominal flow rate, exhaust 0.6->0 MPa (6->0 bar, 87->0 psi)	3600 l/min
Standard nominal flow rate (standardised to DIN 1343)	5300 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Compatibility with ester oil not guaranteed
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni
Storage temperature	-5 °C ... 50 °C
Media temperature	-5 °C ... 50 °C
Ambient temperature	-5 °C ... 50 °C
Product weight	1250 g
Type of mounting	Either: In-line installation Via mounting bracket With accessories
Note on materials	RoHS-compliant