

Branching module MS9-FRM

Part number: 562534

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	9
Series	MS
Design	Branching module
Symbol	00991510
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/4 Prepared for G1/8 Red/green scale With pressure sensor With pressure gauge with gear indicator
Operating pressure	0 bar ... 20 bar
Standard nominal flow rate in main flow direction 1->2	10000 l/min ... 50000 l/min
Operational voltage range AC	0 V ... 250 V
Operational voltage range DC	0 V ... 125 V
Approval	c UL us - Recognised (Oil)
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category dust	II 2D
Explosion ignition protection type for gas	Ex h IIC T6 Gb X
Explosion ignition protection type for dust	Ex h IIIC T60°C Db X
Explosion ambient temperature	-10°C ≤ Ta ≤ +60°C
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
Storage temperature	-10 °C ... 60 °C

Feature	Value
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Type of mounting	Either: Front panel mounting Inline installation With accessories
Pneumatic connection, port 1	G1/2 G3/4 G1 G1 1/4 G1 1/2 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
Material covering	Reinforced PA
Note on materials	RoHS compliant
Material sub-base	Die-cast aluminium
Material mounting bracket	Die-cast aluminium
Material housing	Die-cast aluminium
Material module connector	Die-cast aluminium