

Flow Sensor SFAM-90-10000L-TG112-2SA-M12 - Festo 573354

Item no. FES-573354

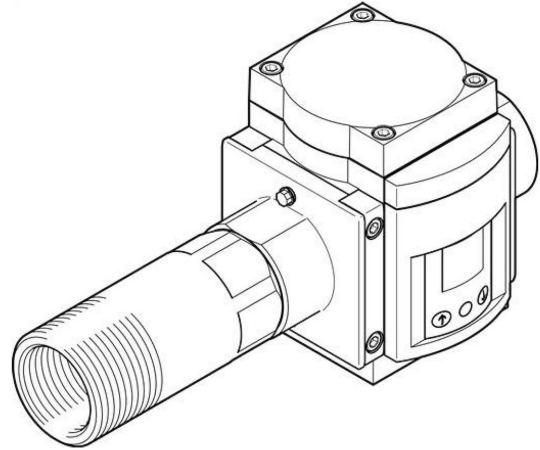
Manufacturer Festo

EAN 4052568219857

Festo sensor for reliable monitoring of position, pressure or status in the pneumatic system.

TECHNICAL DATA

Betriebsdruck max [bar]	16.000000
HS-Code	90268020
Pneumatischer Anschluss	G1
Schutzart	IP65
Weight	3.8 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo sensor for reliable monitoring of position, pressure or status in the pneumatic system. The key technical data of this genuine Festo article are listed below.

Permission	RCM mark c UL us - Recognized (OL)
CE certificate (see declaration of conformity)	acc. to EU-EMV Directive acc. to EU-RoHS Directive
KC-mark	KC-EMV
Certified awarding point	UL E322346
Material information	RoHS compliant
Measured parameter	flow Consumption
Flow direction	Uni-directional From left to right
Measurement principle	Thermic
Flow measurement range starting value [l/min]	100
Flow measurement range end value [l/min]	10.000

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Operating pressure [bar]	0 to 16
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] nitrogen
Medium temperature [°C]	0 to 50
ambient temperature [°C]	0 to 50
Nominal temperature [°C]	23
Accuracy flow value	± (3% o.m.v. + 0,3% FS)
Repeatability null point in ± %FS [%FS]	0,2
Repeatability clamp in ± %FS [%FS]	0,8
Temperature coefficient clamp in ± %FS/K	type 0,1%FS/K
Pressure dependency clamp in ± %FS/bar [%FS/b.]	0,5
Control output	2x PNP or 2x NPN adjustable
Switch function	Window comparator or threshold comparator, adjustable
Switching element function	NC contact NO contact
Max. output current [mA]	100
Analogue output	4 - 20 mA
Flow characteristic curve starting value [l/min]	0
Flow characteristic curve end value [l/min]	10.000
Output characteristic curve starting value [mA]	4
Output characteristic curve end value [mA]	20
Max. load resistance current output [Ohm]	500
Short circuit resistance	yes
Operating voltage range DC [V]	15 to 30
Reverse polarity protection	for all electrical connections
Electrical connection	M12x1 5 pin Plug straight
Fastening type	pipe installation
installation position	Horizontal
Pneumatic connection	G1 1/2
Product weight [g]	2.750
Housing material	Aluminium die casting PA reinforced
Display type	Illuminating LCD blue
Presentable unit(s)	l l/min m3 scf scfm
Protection category	IP65
Pressure drop [mbar]	< 100 mbar
Corrosion resistant class KBK	2 - moderate corrosion stress