

Flow Sensor SFAM-90-5000L-M-2SA-M12 - Festo 573346

Item no. FES-573346

Manufacturer Festo

EAN 4052568007867

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

TECHNICAL DATA

Betriebsdruck max [bar]	16.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
HS-Code	90268020
Material	Aluminium
Medium	Compressed air, neutral gases
Mounting position	Horizontal
Operating conditions	ISO 8573-1
Protection rating	IP65
Series	SFAM
Temperature (max.)	50
Weight	1.6 kg



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]	50
Flow measurement range end value [l/min]	5.000

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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]	5.000
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	At the maintenance unit
installation position	Horizontal
Pneumatic connection	Battery module
Product weight [g]	1.500
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]	< 40 mbar
Corrosion resistant class KBK	2 - moderate corrosion stress