

Microfilter

PLUS

Art. No. 146941

Type No. FSPM.G12



Exemplary illustration

Ideal for filtering out aerosols and solid impurities larger than 0.01 µm.
Micro-filters should always be used in conjunction with a pre-filter.

Technical data

Input pressure	4 - 16 bar
Temperature range	1,5 to 80 °C
Housing	aluminium
filter bowl	aluminium
Filter rating	0.01 µm
Particle separation	0.01 µm
Efficiency	99.999 %
Filter element	cellulose
End caps	plastic
Support sleeves	stainless steel SS306
Drainage layer	needle felt
Indicating range of differential pressure gauge	0 - 1 bar
Flow rate measurement	at $P_1 = 7$ bar and pressure drop $\Delta_p = 0.1$ bar
Thread	G 1/2
Flow rate	1170 l/min
A	87.0 mm
C	21.0 mm
D	272.0 mm
Version	with differential pressure gauge
Condensate drain	automatic floating drain
Recommended change intervals	every 8000 operating hours, at the latest after 12 months for filter elements for pre-filters and micro-filters, once a year for the drain valve

Commercial data

Customs tariff number	84213925
Country of origin	MY
eCl@ss 5.1.4	27293003
eCl@ss 9.0	27293003
UNSPSC_Code_v190501	40161505
UNSPSC_CodeDesc_v190501	Air filters

Accessories

	Art. No.	Type No.
Connection set for 2 filter, G 1/4 to G 1/2	147701	VBSFSP.2.G14-G12
Connection set for 3 filter, G 1/4 to G 1/2	147703	VBSFSP.3.G14-G12
Wall mounting set for 1 filter, G 1/4 to G 1/2	147705	WMSFSP.G14-G12

Spareparts

	Art. No.	Type No.
Differential pressure gauge, pre-, micro-, active charcoal filter	146967	FSPDM.0-1B
Automatic bleeder valve, G 1/4 to G 1 1/2	147707	AAFSPVM.G14-G112
Filter element, G 1/2	147720	FEFSPM.G12