



## Magnetic filters, industrial

SFNG-200-IF-11E-HT-F1M-S-B-B

SKU: SSFNG20038

## Product Features

<b>Description</b>	Neoflux® quick-cleaning magnetic filter
<b>SKU</b>	SSFNG20038
<b>Product key</b>	SFNG-200-IF-11E-HT-F1M-S-B-B
<b>Max. particle size</b>	16 mm
<b>Min. Fe-particle size that can be caught</b>	30 µm
<b>Cleaning/Fe-particles disposal</b>	Manual quick cleaning by means of extractor tubes
<b>Build-in length</b>	460 mm
<b>Interface/connection dim's</b>	DN200 acc. EN 1092-1 PN10
<b>Materials - in contact with product</b>	AISI316L (SS 1.4404)
<b>Material housing</b>	AISI304 (SS 1.4301),AISI316L (SS 1.4404)
<b>Version housing</b>	With magnet unit guidance
<b>Magnetic bar joint</b>	Extractor tubes not brazed in plate (welded only)
<b>Material gaskets/seals</b>	In contact with product: Silicone VMQ O-ring, 70° Shore, red, 'Food Safe' acc. EC 1935/2004 and FDA,Remaining: NBR (scraper) / Silicone (magnetic bar)
<b>Surface treatment/finishing</b>	S1: Grit blasted, Ra 3 µm (interior/exterior)
<b>Welds</b>	Wm: product chute: completely welded - outside the product chute: completely welded where possible
<b>Max. operating / product temperature</b>	140 °C
<b>Min./max. ambient temperature</b>	-10 to 40 °C
<b>Operating pressure</b>	Max. 10 bar
<b>Test pressure</b>	15 bar

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<b>Magnetic system</b>	Magnetic bar in extractor tube
<b>Magnetic bar size</b>	Tube Ø25 mm; bar Ø23 mm
<b>No of bars</b>	11
<b>Magnet quality</b>	Neodymium GSN-42SH, Br 13,300 gauss (at 20 °C), Tmax. 150 °C
<b>Field strength (flux density) on magnetic bar (±10%)</b>	10700 gauss
<b>Field strength (flux density) on extractor tube (±10%)</b>	8000 (average value - see Documents tab for explanation) gauss
<b>Sensors / detection</b>	Electrical proximity sensor on guidance (for detection of magnet unit, not suitable for ATEX zones)
<b>Length</b>	763 mm
<b>Width</b>	420 mm
<b>Height</b>	460 mm
<b>Weight</b>	96 kg

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