



Cleanflows automatic continuously
cleaning - Static

SECC-4040-09S-N-Ex-F1E-L-B-B

Article number: SECC400201

Product Features

Description	Cleanflow magnet - automatic continuous cleaning - static
Article number	SECC400201
Product key	SECC-4040-09S-N-Ex-F1E-L-B-B
Max. particle size	10 mm
Min. Fe-particle size that can be caught	30 µm
Magnetic separating efficiency indication	Fe: 100 %, AISI304: 80 %, AISI316: 45 %
Cleaning/Fe-particles disposal	Fully automatic with continuous production process
Build-in length	250 mm
Product inlet/outlet size	#400 mm
Fe-parts outlet size	#120 mm
Interface/connection dim's	Flange #480x#400 mm - 16xM8 (product in-/outlet), Flange #160x#120 mm - 8xM8 (Fe-parts outlet)
Connections	Pneumatic: for 6 mm hose, Electrical: to connection box
Max. capacity	90 m³/h
Materials - in contact with product	AISI304 (SS 1.4301)
Material housing	AISI304 (SS 1.4301), PC (Polycarbonate) (hatch)
Material gaskets/seals	PA6G (Polyamide), natural, 'Food Safe' acc. EC 1935/2004
Surface treatment/finishing	S1: Grit blasted, Ra 3 µm (interior/exterior)
Welds	WE: product chute: completely welded - outside the product chute: intermittently welded
Max. operating / product temperature	60 °C (40 °C in ATEX environment)
Min./max. ambient temperature	-5 to 40 °C
ATEX	Ex II 1/2 D h T130 Da/Db: Suitable for dust zone 20 inside; outside for zone 21
Dust/water protection class	IP41
Magnetic system	Magnetic bar in tube
Magnetic bar size	Tube Ø34 mm

No of bars	9 (4+5)
Magnet quality	Neodymium GSN-42, Br 13,300 gauss (at 20 °C), Tmax. 80 °C
Field strength (flux density) on tube (±10%)	9400 gauss
Control unit power supply	230 V AC; 50/60 Hz
Pneumatic supply	4 - 6 bar
Control	PLC Siemens LOGO! logic Module (included)
Length	1670 mm
Width	626 mm
Height	490 mm
Weight	174 kg