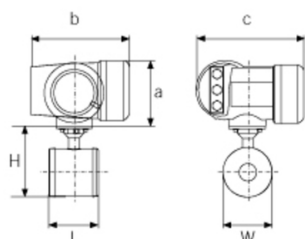


KROHNE Fig. 8223 electromagnetic flow meter

This is a dual-use or controlled item. When exporting this item outside the EU an export license is required from the regulatory authorities.



Characteristics

Series: PFA

Type: 8223

Adjustable measuring range: Yes

Calibration: Water

Accuracy: Down to 0.4 % of the measured value ± 1 mm/s

Relative repeat accuracy: ± 0.1 % Of the measured value - minimum 1 mm/s

Process connection: Clamping flange

Supply voltage: 100 - 230V AC

Electrical connection: Cable screw gland M20 x 1,5

Electricity consumption: 22 VA [AC] / 12 W [DC]

Impedance: 1000 Ω

Degree of protection (IP) of measuring head: IP66/
IP67

Degree of protection (IP) of evaluation electronic:
IP66/IP67

Display: Yes

Characteristics (2)

LED status indication: No

Material measuring tube: Stainless steel

Lining material: PFA

Material electrodes: Hastelloy C

Material switch housing: Aluminium

Max. pressure: 16 bar

Minimum medium conductivity: Standard ≥ 5 $\mu\text{S}/\text{cm}$

- demineralized water ≥ 20 $\mu\text{S}/\text{cm}$

Medium temperature: -25 / 120 °C

Ambient temperature: -25 / 65 °C

Measuring range	Measuring unit	Size process connection	Output signal	Start output signal	Material housing	Article
0 / 3.2	m ³ /h	DN15	4 - 20 mA And pulse	0.2 m ³ /h	Forged iron	12970302
0 / 8.5	m ³ /h	DN25	4 - 20 mA And pulse	0.6 m ³ /h	Forged iron	12970303
0 / 24	m ³ /h	DN40	4 - 20 mA And pulse	1.4 m ³ /h	Forged iron	12970304
0 / 35	m ³ /h	DN50	4 - 20 mA And pulse	2.2 m ³ /h	Sheet steel	12970305
0 / 85	m ³ /h	DN80	4 - 20 mA And pulse	5.5 m ³ /h	Sheet steel	12970306
0 / 150	m ³ /h	DN100	4 - 20 mA And pulse	8.5 m ³ /h	Sheet steel	12970307

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