

PM3053

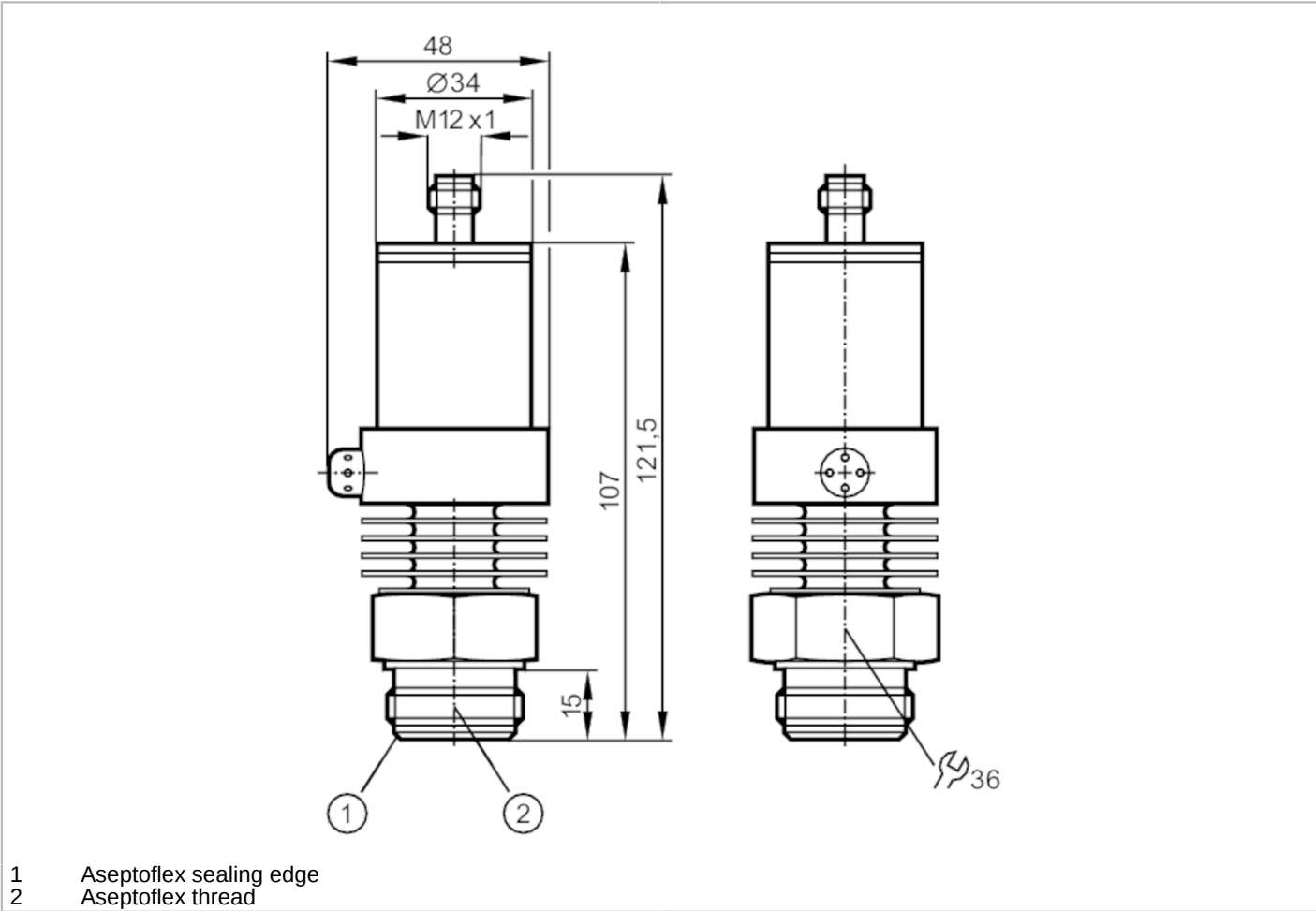


Flush pressure transmitter

PM-025-RES30-A-ZVG/US/ IP

Article no longer available - archive entry

Alternative articles: PM2053
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics		
Number of inputs and outputs		Number of analogue outputs: 1
Measuring range	[bar]	0...25
Process connection		threaded connection Aseptoflex external thread Aseptoflex
Application		
Application		flush mountable for the food and beverage industry
Media		viscous media and liquids with suspended particles; liquids and gases
Medium temperature	[°C]	-25...125; (145 max. 1h)
Min. bursting pressure	[bar]	350
Pressure rating	[bar]	100
Type of pressure		relative pressure
No dead space		yes
Electrical data		
Operating voltage	[V]	10.8...30 DC

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Min. insulation resistance	[MΩ]	100; (500 V DC)
Protection class		III
Reverse polarity protection		yes
Inputs / outputs		
Number of inputs and outputs		Number of analogue outputs: 1
Outputs		
Total number of outputs		1
Output signal		analogue signal
Number of analogue outputs		1
Analogue current output	[mA]	4...20
Max. load	[Ω]	660; (U _b = 24 V; (U _b - 10,8 V) / 20 mA)
Overload protection		yes
Measuring/setting range		
Measuring range	[bar]	0...25
Accuracy / deviations		
Repeatability		< 0,1; (with temperature fluctuations < 10 K)
	[% of the final value]	
Characteristics deviation		< ± 1,0; (incl. linearity, zero and span error (limit value setting))
	[% of the final value]	
Temperature drift per 10 K		< ± 0.3
Response times		
Max. response time analogue output	[ms]	3
Operating conditions		
Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-40...100
Protection		IP 67
Tests / approvals		
EMC	EN 61000-4-2 ESD	4 kV CD / 8 kV AD
	EN 61000-4-3 HF radiated	10 V/m
	EN 61000-4-4 Burst	2 kV
	EN 61000-4-6 HF conducted	10 V
Shock resistance	DIN IEC 68-2-27	50 g (11 ms)
Vibration resistance	DIN IEC 68-2-6	20 g (10...2000 Hz)
Mechanical data		
Materials		PA; PBT; stainless steel (316L/1.4404)
Materials (wetted parts)		ceramics; PTFE; stainless steel (316L/1.4404)
Min. pressure cycles		100 million
Process connection		threaded connection Aseptoflex external thread Aseptoflex
Remarks		
Pack quantity		1 pcs.

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Electrical connection

Connector: 1 x M12; coding: A



Connection

