

PM3053

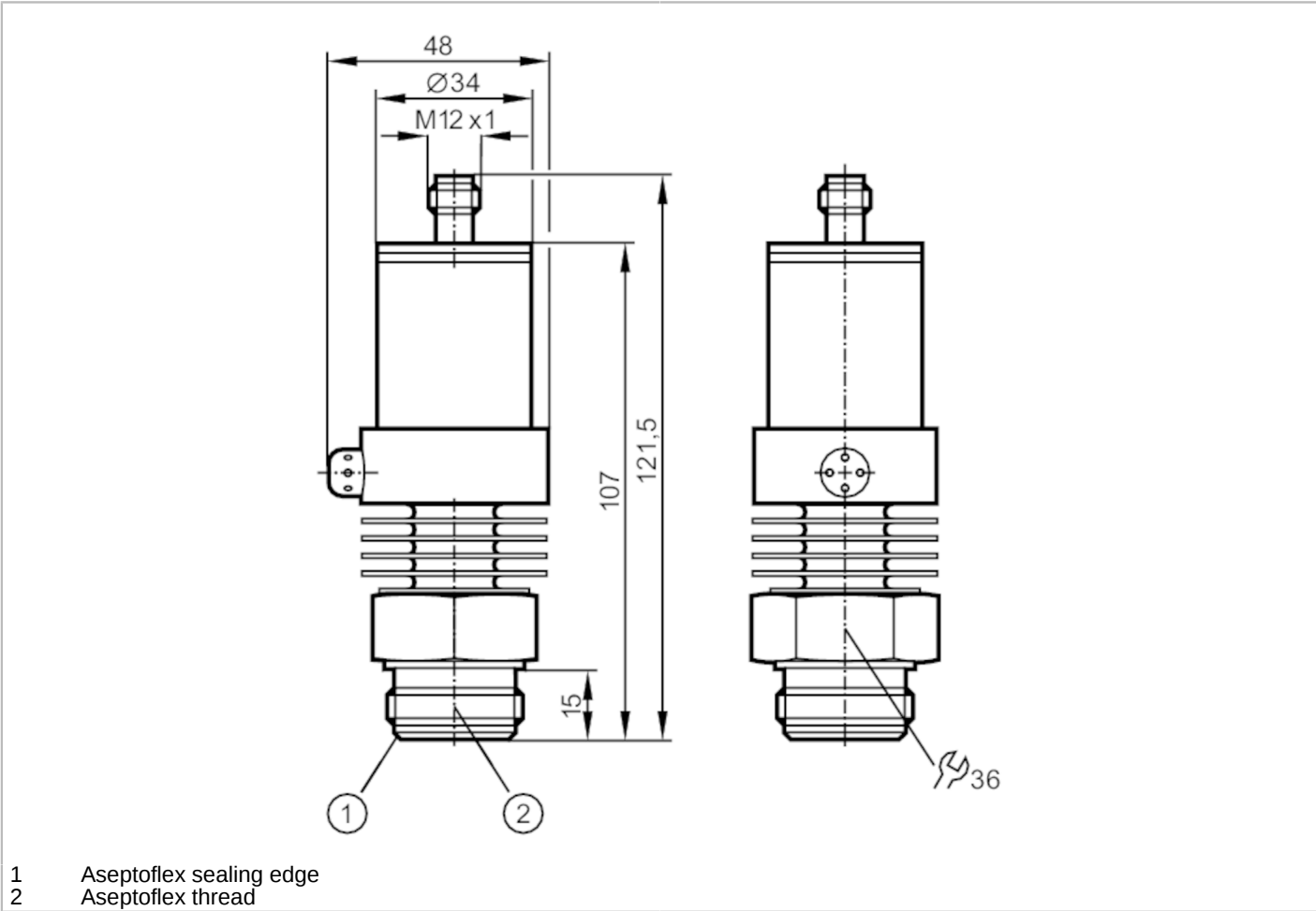


Flush pressure transmitter

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; (Ub = 24 V; (Ub - 10,8 V) / 20 mA)	
Overload protection		yes	
Measuring/setting range			
Measuring range	[bar]	0...25	
Accuracy / deviations			
Repeatability	[X16]	< 0,1; (with temperature fluctuations < 10 K)	
Characteristics deviation	[X16]	< ± 1,0; (incl. linearity, zero and span error (limit value setting))	
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 (1.4404 / 316L)	
Materials (wetted parts)		ceramics; PTFE; stainless steel (1.4404 / 316L)	
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

