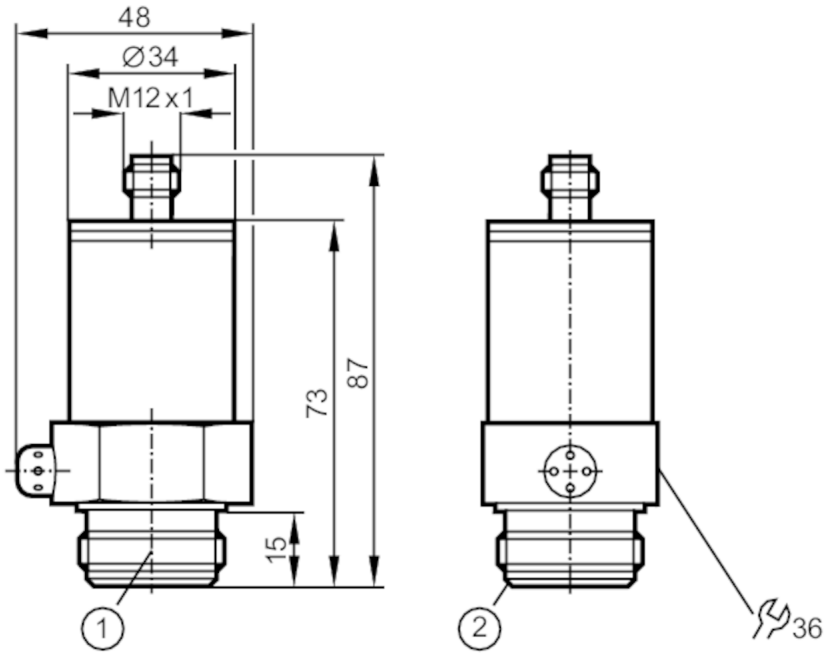
PL3057

Flush pressure transmitter

PL-001-RES30-A-ZVG/US/ /P

Article no longer available - archive entry

Alternative articles: PL2057
When selecting an alternative article and accessories please note that technical data may differ!



1 Aseptoflex thread
2 Aseptoflex sealing edge

Product characteristics		
Number of inputs and outputs		Number of analogue outputs: 1
Measuring range	[bar]	0...1
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...80
Min. bursting pressure	[bar]	30
Pressure rating	[bar]	10
Type of pressure		relative pressure
No dead space		yes
Electrical data		
Operating voltage	[V]	10.8...30 DC
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

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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...1	
Accuracy / deviations			
Repeatability	[% of the final value]	< 0,1; (with temperature fluctuations < 10 K)	
Characteristics deviation	[% of the final value]	< ± 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.	

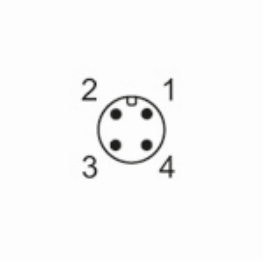
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Electrical connection

Connector: 1 x M12; coding: A



Connection

