

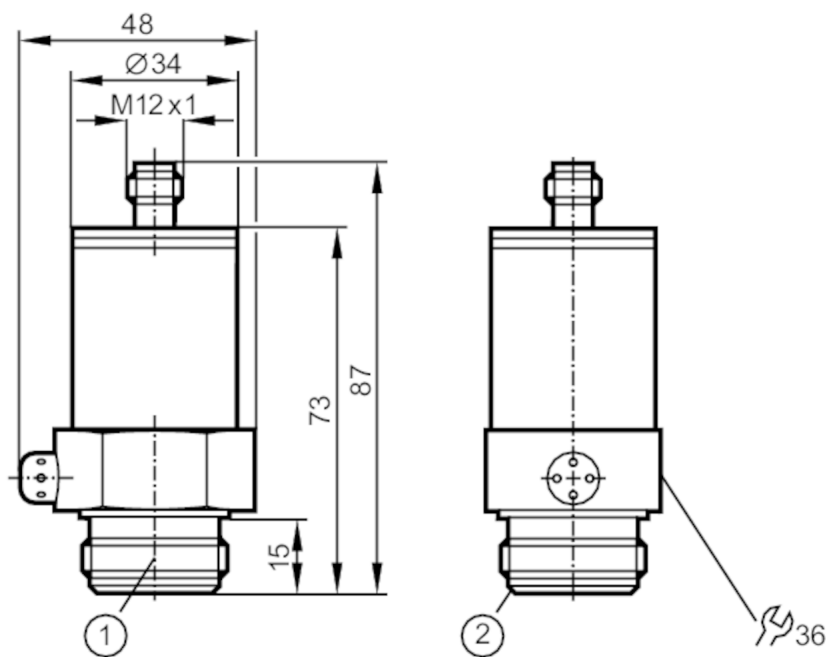
Flush pressure transmitter

PL-025-RES30-A-ZVG/US/ /P

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Alternative articles: PL2053

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...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...80
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
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...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
	DIN IEC 68-2-27	50 g (11 ms)
Shock 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.
Electrical connection		
Connector: 1 x M12; coding: A		

PL3053



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Connection

