

# PM3056

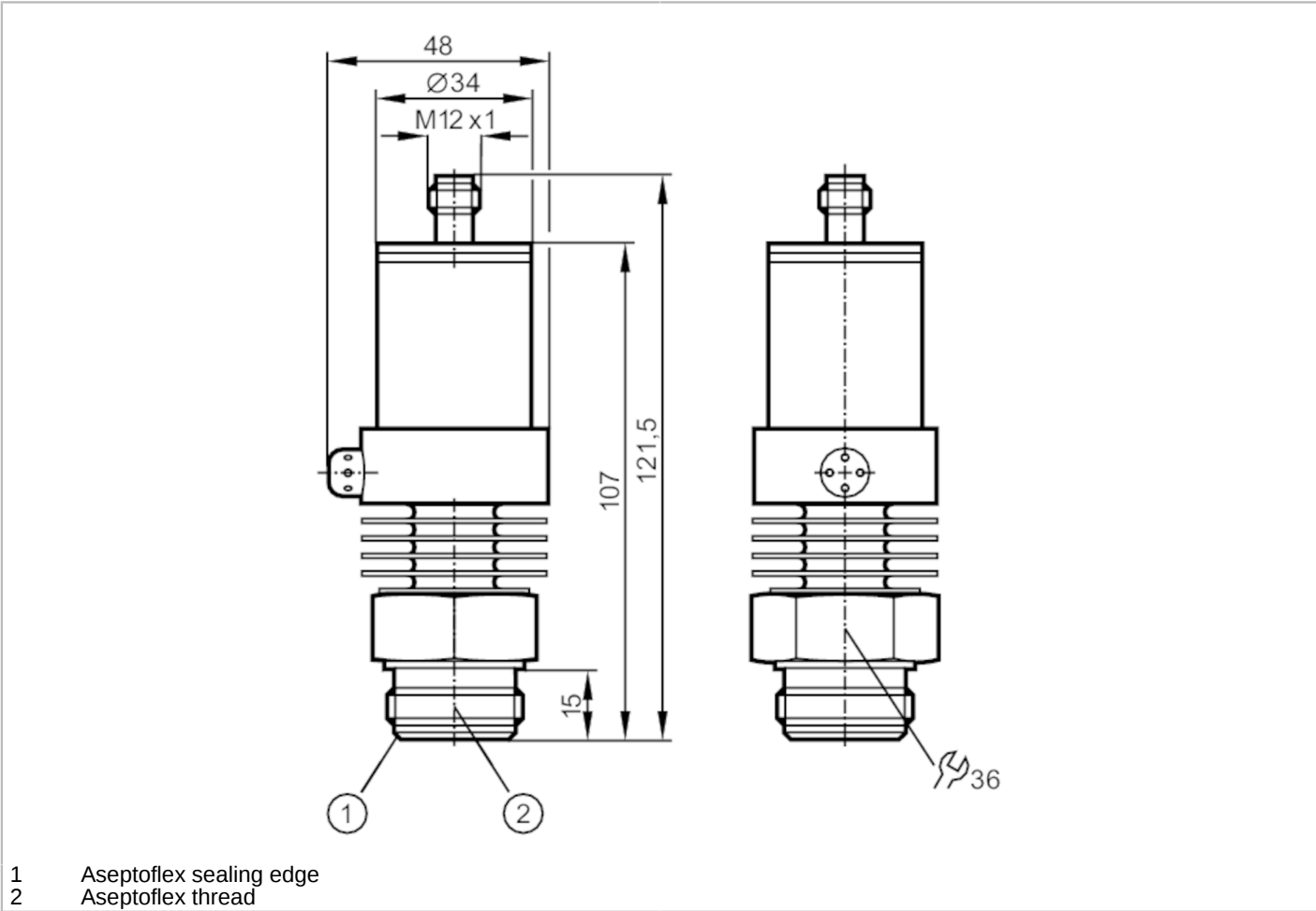


## Flush pressure transmitter

PM-2.5-RES30-A-ZVG/US/ /P

Article no longer available - archive entry

Alternative articles: PM2056  
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...2.5                                                               |
| 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] | 50                                                                    |
| Pressure rating              | [bar] | 20                                                                    |
| Type of pressure             |       | relative pressure                                                     |
| No dead space                |       | yes                                                                   |
| Electrical data              |       |                                                                       |
| Operating voltage            | [V]   | 10.8...30 DC                                                          |

# PM3056



## Flush pressure transmitter

PM-2.5-RES30-A-ZVG/US/ /P

|                                    |                           |                                                                       |
|------------------------------------|---------------------------|-----------------------------------------------------------------------|
| Min. insulation resistance         | [MΩ]                      | 100; (500 V DC)                                                       |
| Protection class                   |                           | III                                                                   |
| Reverse polarity protection        |                           | yes                                                                   |
| <b>Inputs / outputs</b>            |                           |                                                                       |
| Number of inputs and outputs       |                           | Number of analogue outputs: 1                                         |
| <b>Outputs</b>                     |                           |                                                                       |
| 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 10,8 V) / 20 mA)       |
| Overload protection                |                           | yes                                                                   |
| <b>Measuring/setting range</b>     |                           |                                                                       |
| Measuring range                    | [bar]                     | 0...2.5                                                               |
| <b>Accuracy / deviations</b>       |                           |                                                                       |
| 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                                                               |
| <b>Response times</b>              |                           |                                                                       |
| Max. response time analogue output | [ms]                      | 3                                                                     |
| <b>Operating conditions</b>        |                           |                                                                       |
| Ambient temperature                | [°C]                      | -25...80                                                              |
| Storage temperature                | [°C]                      | -40...100                                                             |
| Protection                         |                           | IP 67                                                                 |
| <b>Tests / approvals</b>           |                           |                                                                       |
| 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)                                                   |
| <b>Mechanical data</b>             |                           |                                                                       |
| 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             |
| <b>Remarks</b>                     |                           |                                                                       |
| Pack quantity                      |                           | 1 pcs.                                                                |

# PM3056



## Flush pressure transmitter

PM-2.5-RES30-A-ZVG/US/ /P

### Electrical connection

Connector: 1 x M12; coding: A



### Connection

