

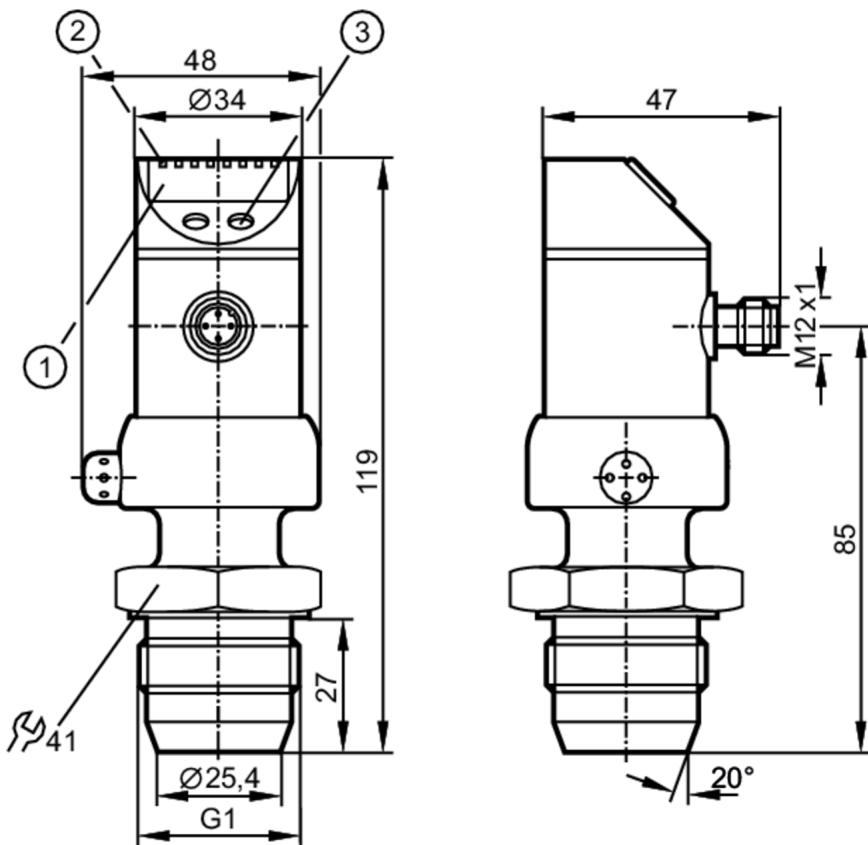
Flush pressure sensor with display

PI-10BREA01-E-ZVG/US/ IP

Article to be discontinued

Alternative articles: PI2889 or PI2789

When selecting an alternative article and accessories please note that technical data may differ!



- 1 alphanumeric display 4-digit
- 2 status LEDs
- 3 Programming button

EC 1935/2004 EHEDG Tested

Product characteristics

Number of inputs and outputs	Number of analog outputs: 1	
Measuring range	-0.005...0.1 bar	-5...100 mbar
Process connection	threaded connection G 1 external thread sealing cone	
Application		
System	gold-plated contacts	
Application	flush mountable for the food and beverage industry	
Installation	Freely rotatable housing 350°	
Media	viscous media and liquids with suspended particles; liquids and gases	
Medium temperature [°C]	-25...125; (145 max. 1h)	
Min. bursting pressure [mbar]	30000	
Pressure rating [mbar]	4000	
Type of pressure	relative pressure	

PI1689



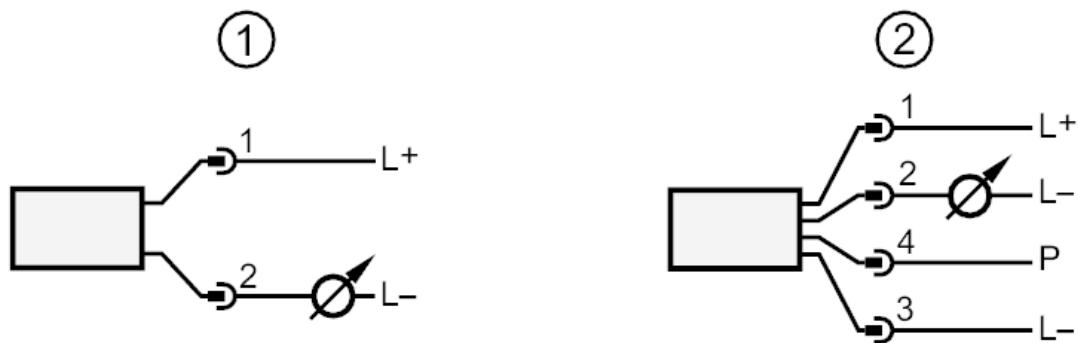
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Software / programming		
Parameter setting options		Zero point; span
Operating conditions		
Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-40...100
Protection		IP 67; IP 69K
Tests / approvals		
EMC		EN 61000-4-2 ESD EN 61000-4-3 HF radiated EN 61000-4-4 Burst EN 61000-4-5 Surge EN 61000-4-6 HF conducted
Shock resistance		DIN IEC 68-2-27
Vibration resistance		DIN IEC 68-2-6
MTTF	[years]	259
Mechanical data		
Weight	[g]	443.5
Material		stainless steel (1.4404 / 316L); PC; PBT; PEI; FKM; PTFE
Materials (wetted parts)		ceramics (99.9 % Al2O3); stainless steel (1.4435 / 316L); surface characteristics: Ra < 0,4 / Rz 4; PTFE
Min. pressure cycles		100 million
Process connection		threaded connection G 1 external thread sealing cone
Displays / operating elements		
Display		Display unit Function display Measured values
Display unit		mbar; kPa; inH2O; mmWS; % of the span
Remarks		
Remarks		The 3-A qualification is only valid if adapters with 3-A qualification are used for installation.
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12; coding: A; Contacts: gold-plated		
		

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Connection

1: Normal operation

2: Programming operation (P = communication via EPS / FDT interface)