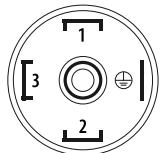


**Screw-in probe for demanding applications.  
Ceramic measuring cell, large and flush.**



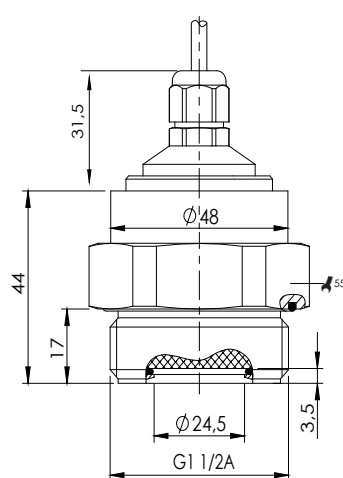
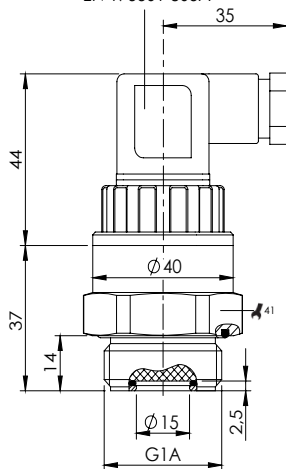
- High-end pressure transmitter P131.
- Precise, robust, large screw-in threads.
- ATEX available as an option.

Connector  
EN 175301-803A



4...20 mA, 2-wire  
PIN 1: Signal +  
PIN 2: Signal -  
  
0...10 V, 3-wire  
PIN 1: in +  
PIN 2: in -  
PIN 3: out +

Connector  
EN 175301-803A



<b>Technical Data:</b>	
<b>Measuring ranges:</b>	0 - 40 mbar to 0 - 40 bar, relative. (= 40 hPa to 4000 kPa, relative)
<b>Accuracy class:</b>	0.2% FSO
<b>Output:</b>	4-20 mA, 2-wire. Other options available upon request.
<b>Supply voltage:</b>	10 ... 30 V DC
<b>Response time:</b>	< 200 ms, start-up < 1 s
<b>Temperature range:</b>	-20 ... 80 °C. Higher on request.
<b>Temperature influence:</b>	< 0.02 % / K
<b>Long-term drift:</b>	< 0.2% per year
<b>Housing:</b>	Stainless steel 1.4404 or PVDF plastic
<b>Weight:</b>	0.3 - 0.4 kg
<b>Measuring cell:</b>	Ceramic Al <sub>2</sub> O <sub>3</sub> -FDA, temp. compensated
<b>Process seal:</b>	Viton (FKM), others available upon request.
<b>Version options:</b>	Also available in EX version.

**Article code:**

**Measuring range:**

040 = 40 mbar  
050 = 50 mbar  
100 = 100 mbar  
200 = 200 mbar  
...  
1k = 1 bar  
...  
40k = 40 bar

**Process connection thread:**

G1.0 = G1A, ISO 228-1  
G1.5 = G1.5A, ISO 228-1

**Electrical connection:**

803 = Plug terminal EN 175301-803A, IP65  
P02 = Cable tail, 2 m, IP67  
Other options available upon request

**EX and housing:**

-- = Stainless steel, non-EX  
EX = Stainless steel with ATEX  
PV = Plastic PVDF, non-EX

P131- - - -

