



Warning: Before installation, commissioning, and operation, ensure that the pressure transmitter is suitable for the application in terms of measuring range, design and environmental conditions. Non-observance can result in serious injury and/or damage to equipment.

Intended use: This instrument converts pressure into an electrical signal.

The instrument has been designed and built solely for the intended use described here and may only be used accordingly. If the equipment is used in a different manner, the protection provided by the equipment may be impaired and Trafag shall not be liable for any claims at all.

**Datasheets**

**EPR 8283**



[www.trafag.com/H72319](http://www.trafag.com/H72319)

**EPI 8287**



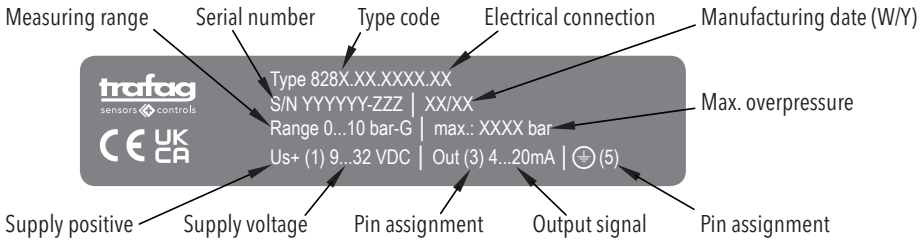
[www.trafag.com/H72317](http://www.trafag.com/H72317)

**EPN 8288**

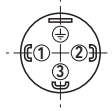

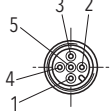
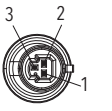
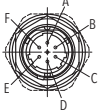



[www.trafag.com/H72318](http://www.trafag.com/H72318)

**Type label description (Example)**



**Electrical connections**

Designation	EN175301-803A (DIN43650-A)	Cable (PVC) (PUR) 4 x 0.25mm <sup>2</sup>	M12x1 5-pol.	Packard Metri Pack 3-pol.	MIL-C 26482	DIN 72585 Code 1
Type code	<b>828X.XX.XXXX.05</b>	<b>828X.XX.XXXX.08/22/24</b>	<b>828X.XX.XXXX.35</b>	<b>828X.XX.XXXX.51</b>	<b>828X.XX.XXXX.02</b>	<b>828X.XX.XXXX.25</b>
Pin configuration						

**Output**

4 ... 20 mA  
0 ... 5 VDC  
0.5 ... 5 VDC  
1 ... 6 VDC  
0 ... 10 VDC  
0.5 ... 4.5 VDC ratiom.

**Load resistance**

(U<sub>SUPPLY</sub> - 9V) / 20mA  
> 2.5 kΩ  
> 5.0 kΩ  
> 5.0 kΩ  
> 5.0 kΩ  
≥ 5.0 kΩ

**I<sub>SUPPLY</sub>**

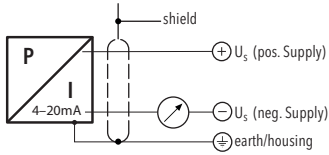
(=Signal output)  
≤ 20 mA  
≤ 20 mA  
≤ 20 mA  
≤ 20 mA  
≤ 20 mA  
≤ 20 mA

**U<sub>SUPPLY</sub>**

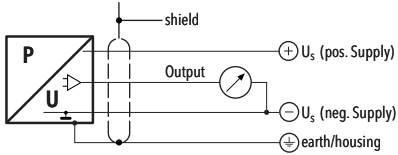
9 ... 32 VDC  
9 ... 32 VDC  
9 ... 32 VDC  
9 ... 32 VDC  
15 ... 32 VDC  
5 (4.75 ... 5.25) VDC

# Connection of the measuring equipment

## Current output 2-wires



## Voltage output 3-wires



## Adjustment of connector EN 175301-803 A

 Only versions without Loctite securing of housing nut

