



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**

**ECT 8472**



[www.trafag.com/H72324](http://www.trafag.com/H72324)

**ECT 8473**



[www.trafag.com/H72326](http://www.trafag.com/H72326)

**ECTN 8477**



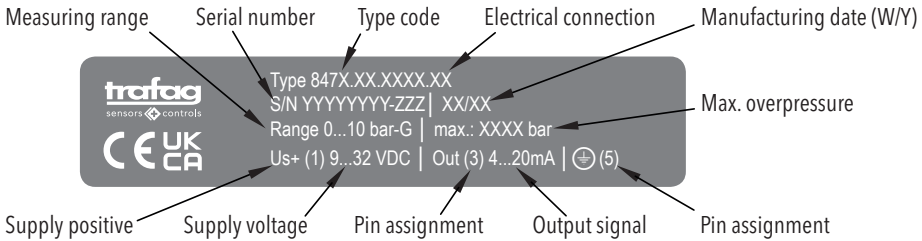
[www.trafag.com/H72322](http://www.trafag.com/H72322)

**ECR 8478**

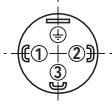
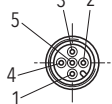
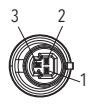
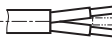


[www.trafag.com/H72337](http://www.trafag.com/H72337)

**Type label description (Example)**



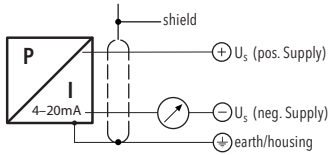
**Electrical connections**

<b>Designation</b>	EN175301-803A (DIN43650-A)	M12x1 5-pol.	Packard Metri Pack 3-pol.	Cable (PVC) (PUR) 4 x 0.25mm <sup>2</sup>
<b>Ambient temperature range</b>	-25°C ... +125°C	-25°C ... +125°C	-25°C ... +125°C	<b>08:</b> -20°C ... +100°C <b>22:</b> -5°C ... +60°C <b>24:</b> -20°C ... +70°C
<b>Type code</b>	<b>847X.XX.XXXX.05</b>	<b>847X.XX.XXXX.35</b>	<b>847X.XX.XXXX.51</b>	<b>847X.XX.XXXX.08/22/24</b>
<b>Pin configuration</b>				 RD: red BK: black WH:white GN: green BN: brown YE: yellow YE/GN: yellow/green

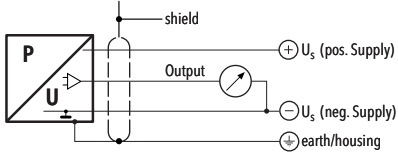
<b>Output</b>	<b>Load resistance</b>	<b>ISUPPLY</b>	<b>USUPPLY</b>
4 ... 20 mA	(USUPPLY -9V)/ 20mA	(=Signal output)	9 ... 30 VDC
0 ... 5 VDC	> 2.5 kΩ	≤ 20 mA	10 ... 30 VDC
1 ... 6 VDC	> 5.0 kΩ	≤ 20 mA	10 ... 30 VDC
0 ... 10 VDC	> 5.0 kΩ	≤ 20 mA	15 ... 30 VDC
0.5 ... 4.5 VDC	> 5.0 kΩ	≤ 20 mA	4.75 ... 5.25 VDC

# Connection of the measuring equipment


## Current output 2-wires

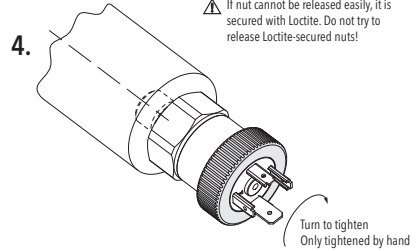
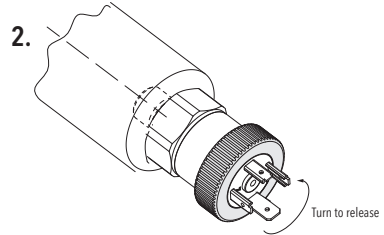
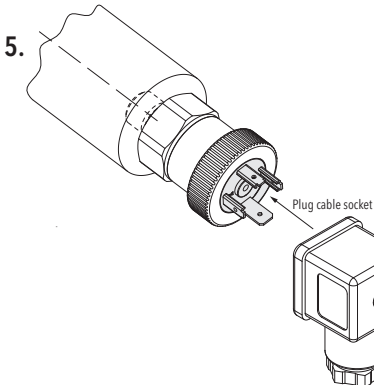
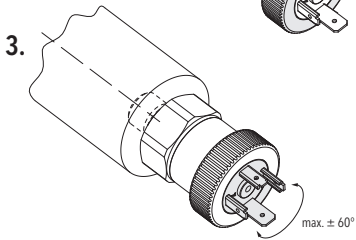
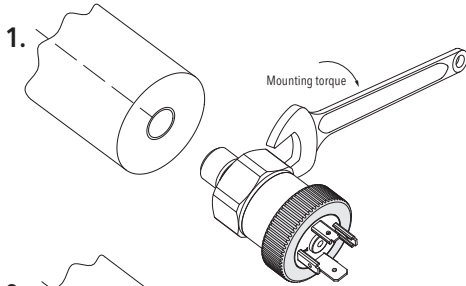



## Voltage output 3-wires



## Adjustment of connector EN 175301-803 A

 Only versions without Loctite securing of housing nut



 If nut cannot be released easily, it is secured with Loctite. Do not try to release Loctite-secured nuts!