



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

ECT 8473



www.trafag.com/H72326

ECTN 8477



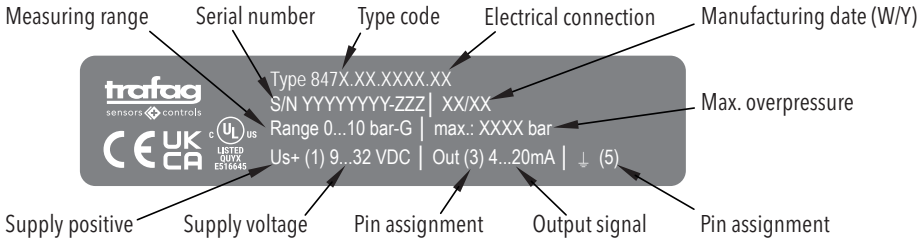
www.trafag.com/H72322

ECR 8478



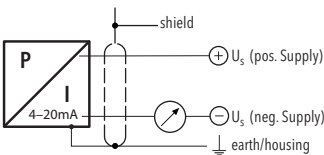
www.trafag.com/H72337

Type label description (Example)

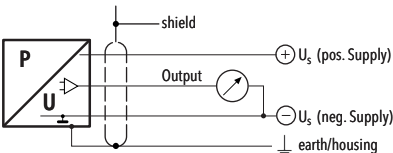


Connection of the measuring equipment

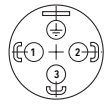
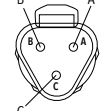
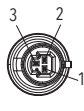
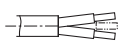
Current output 2-wires



Voltage output 3-wires



Electrical connections

| | | | | |
|---|---|---|---|---|
| Designation | EN175301-803A (DIN43650-A) | M12x1 5-pol. | Packard Metri Pack 3-pol. | Cable (PVC) (PUR) 4 x 0.25mm ² |
| Ambient temperature range | -25°C ... +125°C | -25°C ... +125°C | -25°C ... +125°C | 08: -20°C ... +100°C 22: -5°C ... +60°C 24: -20°C ... +70°C |
| UL-rated ambient temperature range | -20°C ... +80°C | -20°C ... +80°C | -20°C ... +80°C | 08: -20°C ... +80°C 22: -5°C ... +60°C 24: -20°C ... +70°C |
| Type code | 847X.XX.XXXX.05 | 847X.XX.XXXX.35 | 847X.XX.XXXX.51 | 847X.XX.XXXX.08/22/24 |
| Pin configuration |  |  |  |  RD: red BK: black WH: white GN: green BN: brown YE: yellow YE/GN: yellow/green |

Output

4 ... 20 mA

0 ... 5 VDC

1 ... 6 VDC

0 ... 10 VDC

0.5 ... 4.5 VDC

Load resistance

(U_{SUPPLY} -9V)/ 20mA

> 2.5 kΩ

> 5.0 kΩ

> 5.0 kΩ

> 5.0 kΩ

I_{SUPPLY}

(=Signal output)

≤ 20 mA

≤ 20 mA

≤ 20 mA

≤ 20 mA

U_{SUPPLY}

9 ... 30 VDC

10 ... 30 VDC

10 ... 30 VDC

15 ... 30 VDC

4.75 ... 5.25 VDC

The device is designed to be used in an industrial, electromagnetic environment in accordance with

IEC 61326-2-3,

IEC 61326-1,

IEC 61000-6-2,

IEC 61000-6-3.

Adjustment of connector EN 175301-803 A

 Only versions without Loctite securing of housing nut

