Instructions *8250/8252/8254/8256/8258*
NHT/NAT/NAH/NAE/NAR
Pressure Transmitter

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

NHT 8250

www.trafag.com/H72338

NAT 8252

www.trafag.com/H72303

NAH 8254

www.trafag.com/H72304

NAE 8256

www.trafag.com/H72305

NAR 8258

www.trafag.com/H72307

Pressure switch parameterization tool

Hardware: Sensor Master Interface SMI

www.trafag.com/H72618

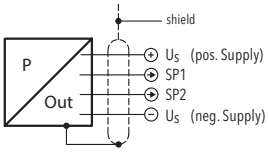
Software: Sensor Master Communicator SMC

Download the Android app in the Google Play Store

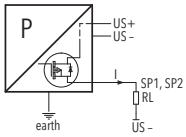
Download the Windows app in the Microsoft store
https://www.microsoft.com/store/productId/9NK63QX8XXBK

Connection of the measuring equipment

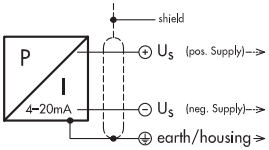
Switching output



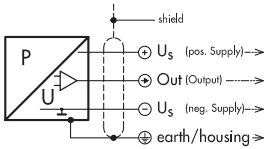
Connection of loads to switch contacts



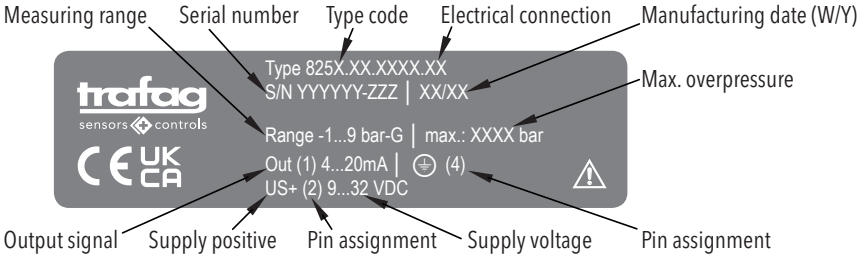
Current output 2-wires



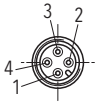
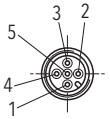
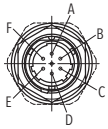
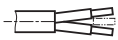
Voltage output 3-wires

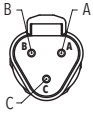
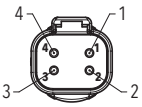


Type label description (example)

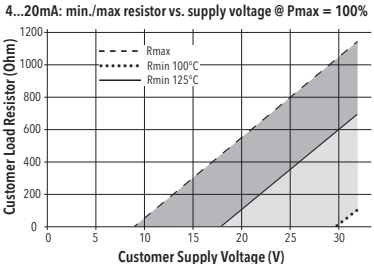


Electrical connections

Designation	Industrial standard	M12x1 4–pole	M12x1 5–pole	MIL-C 26482	Cable
Type code	**825X**.XX.XXXX.**01**	**825X**.XX.XXXX.**32**	**825X**.XX.XXXX.**35**	**825X**.XX.XXXX.**02**	**825X**.XX.XXXX.**22/24/08/88**
Pin configuration					 RD: red BK: black WH:white GN: green BN: brown YE: yellow YE/GN: yellow/green

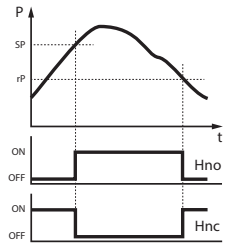
Designation	DT04 3-pole	DT04 4-pole
Type code	**825X**.XX.XXXX.**D3**	**825X**.XX.XXXX.**D4**
Pin configuration		

Output	Load resistance	I_{SUPPLY}	U_{SUPPLY}
4 ... 20 mA	see graphic		24 (9 ... 32) VDC
0 ... 6 VDC ranges	≥ 5.0 kΩ to Us –	≤ 20 mA	24 (9 ... 32) VDC
0 ... 10.1 VDC ranges	≥ 5.0 kΩ to Us –	≤ 15 mA	24 (15 ... 32) VDC
0.5 ... 4.5 VDC ratiom.	≥ 5.0 kΩ to Us –	≤ 10 mA	5 (4.75 ... 5.25) VDC
2 PNP Transistors		≤ 10 mA	24 (9 ... 32) VDC
1 PNP Transistor		≤ 10 mA	24 (9 ... 32) VDC

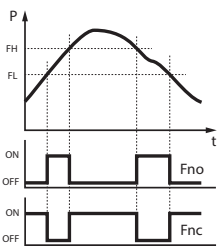


Functions switching output

Hysteresis



Window



Delay