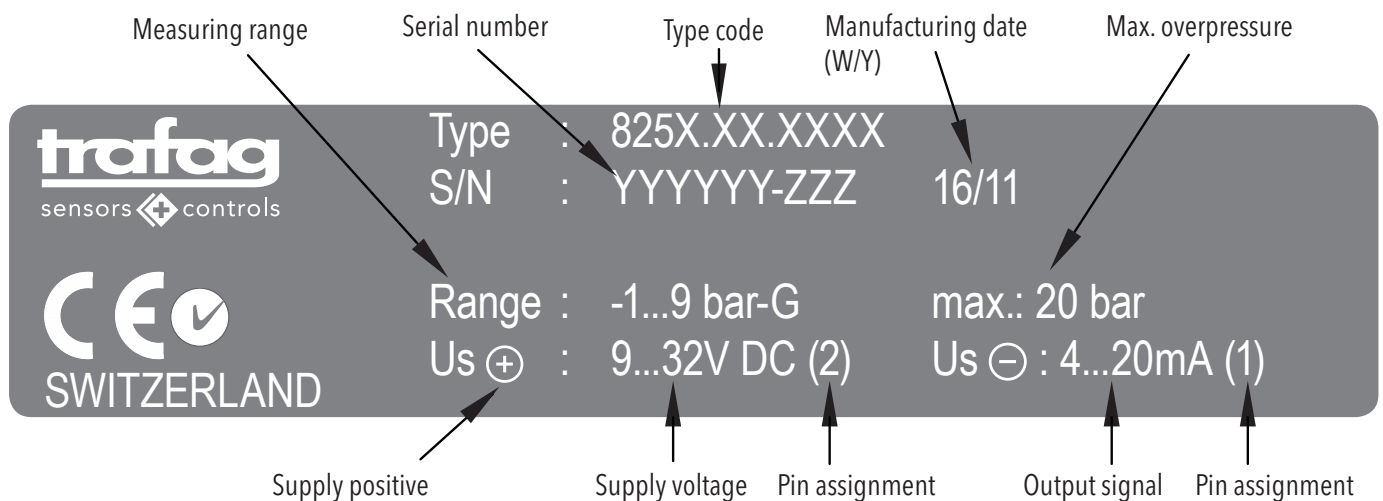


Technical specification


Mounting torque: 25 Nm
 Operating temperature: -40°C ... +125°C
 (cable PVC 22: -5 ... 60 °C)
 (cable PUR 24: -40 ...70 °C)
 Media temperature: -40°C ... +125°C

Type label description




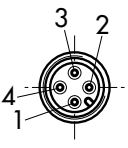
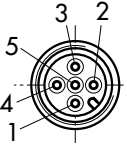
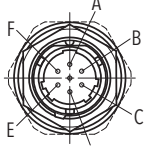
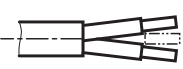
The diagram shows a grey rectangular label with the following information and labels:

- Measuring range:** Range : -1...9 bar-G
- Serial number:** S/N : YYYYYY-ZZZ
- Type code:** Type : 825X.XX.XXXX
- Manufacturing date (W/Y):** 16/11
- Max. overpressure:** max.: 20 bar
- Supply positive:** Us ⊕ : 9...32V DC (2)
- Supply voltage:** (indicated by an arrow pointing to the '9...32V DC' part)
- Pin assignment:** (indicated by an arrow pointing to the '(2)' part)
- Output signal:** Us ⊖ : 4...20mA (1)
- Pin assignment:** (indicated by an arrow pointing to the '(1)' part)

Additional labels on the left side of the label include: trafag sensors  controls, CE, and SWITZERLAND.

H733031 Trafag AG 01/2018

Electrical connections

Ingress Protection	IP65 ²⁾³⁾	IP67 ²⁾³⁾	IP67 ²⁾³⁾	IP67 ²⁾³⁾	IP67 ³⁾
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
Pin configuration					 RD: red BK: black WH: white GN: green BN: brown YE: yellow

Output

4 ... 20 mA
 0.5 ... 4.5 VDC
 0 ... 5 VDC
 1 ... 5 VDC
 1 ... 6 VDC
 0 ... 10 VDC
 0.1 ... 10.1 VDC
 0.5 ... 4.5 VDC ratiom.
 2 PNP Transistors
 1 PNP Transistor

Load resistance

see graphic
 ≥ 5.0 kΩ to Us-
 ≥ 5.0 kΩ to Us-
 ≥ 5.0 kΩ to Us-
 ≥ 5.0 kΩ to Us-
 ≥ 5.0 kΩ to Us-
 ≥ 5.0 kΩ to Us-
 ≥ 5.0 kΩ to Us-
 ≥ 5.0 kΩ to Us-

ISUPPLY

≤ 20 mA
 ≤ 20 mA
 ≤ 20 mA
 ≤ 20 mA
 ≤ 20 mA
 ≤ 15 mA
 ≤ 15 mA
 ≤ 15 mA
 ≤ 10 mA
 ≤ 10 mA
 ≤ 10 mA

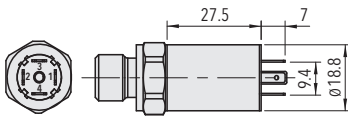
USUPPLY

24 (9 ... 32) VDC
 24 (9 ... 32) VDC
 24 (9 ... 32) VDC
 24 (9 ... 32) VDC
 24 (9 ... 32) VDC
 24 (15 ... 32) VDC
 24 (15 ... 32) VDC
 24 (15 ... 32) VDC
 5 (4.75 ... 5.25) VDC
 24 (9 ... 32) VDC
 24 (9 ... 32) VDC

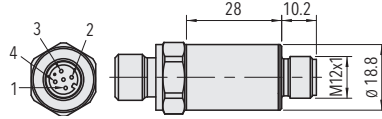
²⁾ Provided female connector is mounted according to instructions

³⁾ Ventilation via male electrical plug/ cable

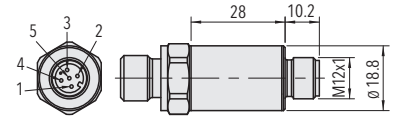
Electrical connections



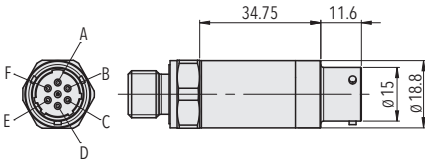
825X.XX.XXXX|01|XX.XX



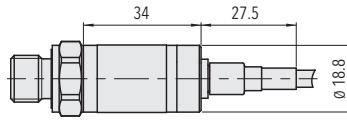
825X.XX.XXXX|32|XX.XX



825X.XX.XXXX|35|XX.XX

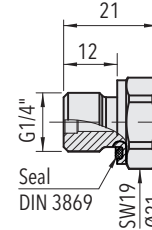


825X.XX.XXXX|02|XX.XX

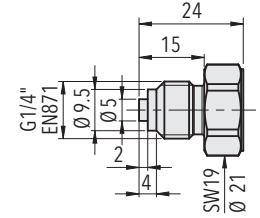


825X.XX.XXXX|22/24/08|XX.XX

Pressure connections

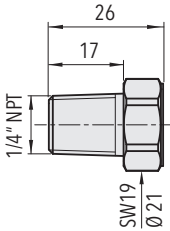


825X.XX.XX|17|XX

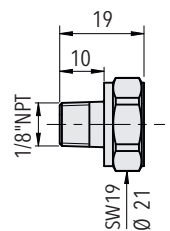


825X.XX.XX|53|XX

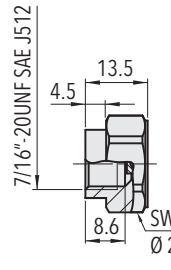
Pressure connections



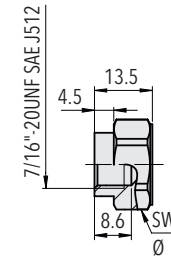
825X.XX.XX|30|XX



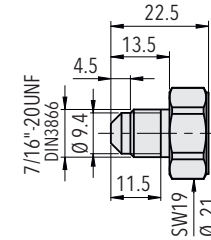
825X.XX.XX|43|XX



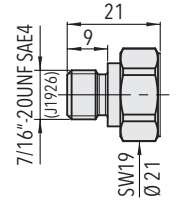
825X.XX.XX|24|XX



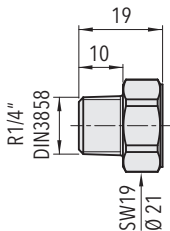
825X.XX.XX|44|XX



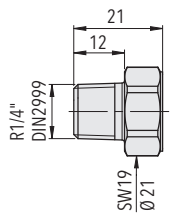
825X.XX.XX|18|XX



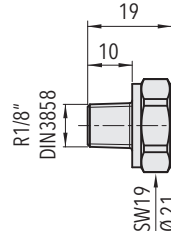
825X.XX.XX|42|XX



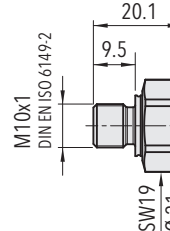
825X.XX.XX|19|XX



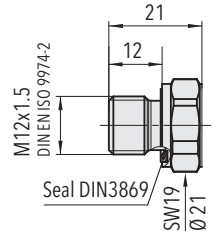
825X.XX.XX|20|XX



825X.XX.XX|16|XX



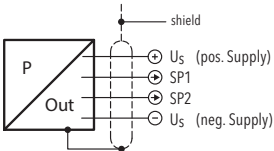
825X.XX.XX|32|XX



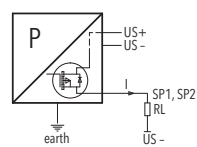
825X.XX.XX|49|XX

Connection of the measuring equipment

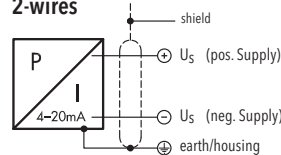
Switching output



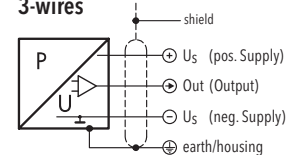
Connection of loads to switch contacts



Current output 2-wires

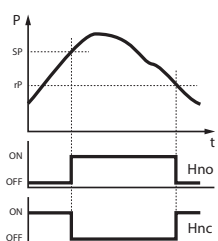


Voltage output 3-wires

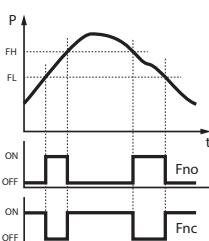


Functions switching output

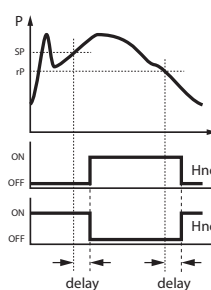
Hysteresis



Window



Delay



4...20mA: min./max resistor vs. supply voltage @ Pmax = 100%

