



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

Measuring range Serial number Type code Manufacturing date (W/Y) Max. overpressure

trafag
sensors  controls

CE  SWITZERLAND


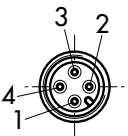
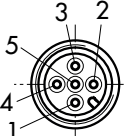
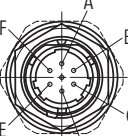
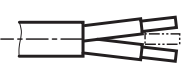
Type : 825X.XX.XXXX
 S/N : YYYYYY-ZZZ 16/11

Range : -1...9 bar-G max.: 20 bar
 Us \oplus : 9...32V DC (2) Us \ominus : 4...20mA (1)

Supply positive Supply voltage Pin assignment Output signal Pin assignment

H73303m Trafag AG 08/2018

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
 1 ... 10 VDC
 0.1 ... 10.1 VDC
 0.5 ... 4.5 VDC ratiom.
 2 PNP Transistors
 1 PNP Transistor

Load resistance

see graphic
 $\geq 5.0 \text{ k}\Omega$ to Us-
 $\geq 5.0 \text{ k}\Omega$ to Us-
 $\geq 5.0 \text{ k}\Omega$ to Us-
 $\geq 5.0 \text{ k}\Omega$ to Us-
 $\geq 5.0 \text{ k}\Omega$ to Us-
 $\geq 5.0 \text{ k}\Omega$ to Us-
 $\geq 5.0 \text{ k}\Omega$ to Us-
 $\geq 5.0 \text{ k}\Omega$ to Us-
 $\geq 5.0 \text{ k}\Omega$ to Us-

ISUPPLY

$\leq 20 \text{ mA}$
 $\leq 20 \text{ mA}$
 $\leq 20 \text{ mA}$
 $\leq 20 \text{ mA}$
 $\leq 20 \text{ mA}$
 $\leq 15 \text{ mA}$
 $\leq 15 \text{ mA}$
 $\leq 15 \text{ mA}$
 $\leq 15 \text{ mA}$
 $\leq 10 \text{ mA}$
 $\leq 10 \text{ mA}$

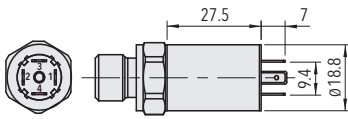
USUPPLY

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

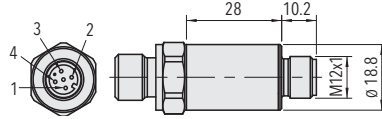
²⁾ Provided female connector is mounted according to instructions

³⁾ Ventilation via male electrical plug/ cable

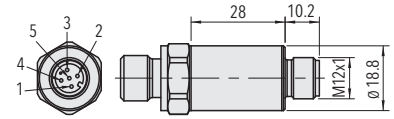
Electrical connections



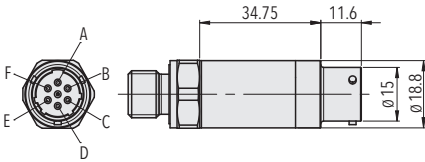
825X.XX.XXXX|01|XX.XX



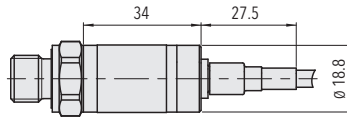
825X.XX.XXXX|32|XX.XX



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

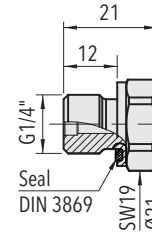


825X.XX.XXXX|02|XX.XX

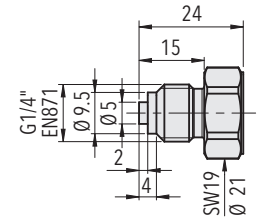


825X.XX.XXXX|22/24/08|XX.XX

Pressure connections

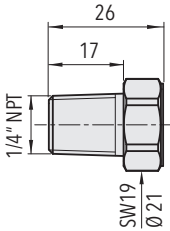


825X.XX.XX|17|XX

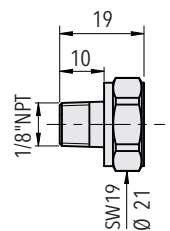


825X.XX.XX|53|XX

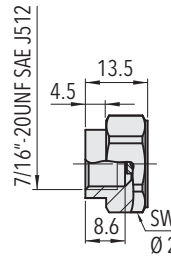
Pressure connections



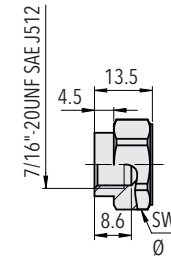
825X.XX.XX|30|XX



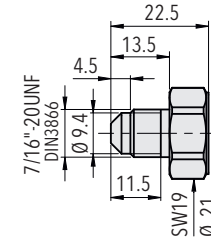
825X.XX.XX|43|XX



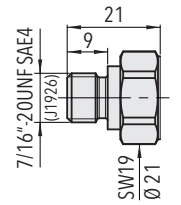
825X.XX.XX|24|XX



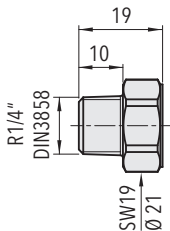
825X.XX.XX|44|XX



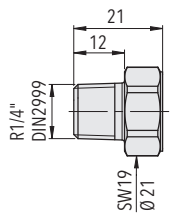
825X.XX.XX|18|XX



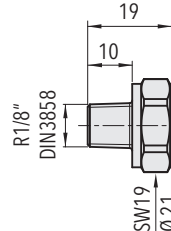
825X.XX.XX|42|XX



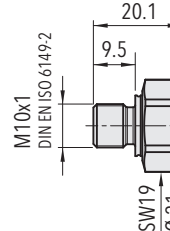
825X.XX.XX|19|XX



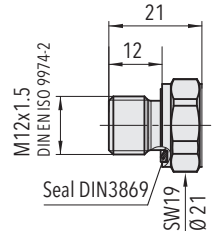
825X.XX.XX|20|XX



825X.XX.XX|16|XX



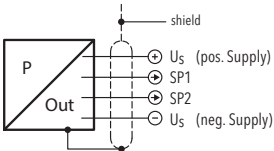
825X.XX.XX|32|XX



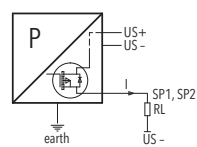
825X.XX.XX|49|XX

Connection of the measuring equipment

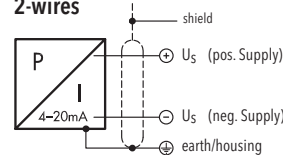
Switching output



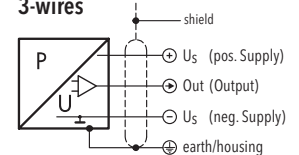
Connection of loads to switch contacts



Current output 2-wires

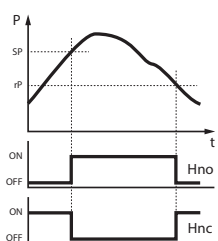


Voltage output 3-wires

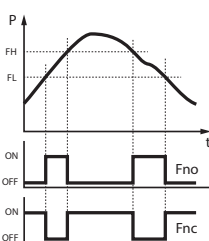


Functions switching output

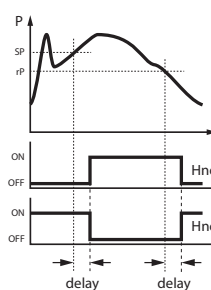
Hysteresis



Window



Delay



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

