

Smart DCM/SN DIFF

ELECTRONIC DIFFERENTIAL PRESSURE SWITCHES AND TRANSMITTERS (WITH/WITHOUT HMI)

ELEKTRONISCHE DIFFERENZDRUCKSCHALTER UND -TRANSMITTER (MIT/OHNE HMI)

MOUNTING INSTRUCTIONS / MONTAGEANLEITUNG

0 INCLUDED IN DELIVERY **IM LIEFERUMFANG ENTHALTEN**

MU1B-0402GE51 MU2B-0343GE51

MOUNTING INSTRUCTIONS
MONTAGEANLEITUNG

OPERATING INSTRUCTIONS
BEDIENUNGSANLEITUNG

A) OR ODER B)

1

BEFORE MOUNTING
Ensure line is cool and not under pressure.

IMPORTANT!
To protect sensor against one-sided overpressure and possible damage while starting up, first install a pressure compensation valve.

SCREWING DEPTH
MAX. 12-13 mm

2 TIGHTEN OPTION: MAU8/Ms **FESTZIEHEN OPTION: MAU8/Nst**

MAX. 25 Nm

19 mm

3 PREPARE FOR WIRING

A, B UNSCREW AND REMOVE PLUG HEAD.
C LOOSEN GLAND.
D USE PROPER WIRE END SLEEVES.
E INSERT CABLE.

A 3-4X

B

C

D

E

AWG 18 /
0.75 mm²
Ø 4...6 mm

4 WIRING ATTACH WIRES TO SCREW TERMINALS.

PS...	PT...A2	PT...V3
<p>1 P+ 2 WARN 3 P- 4 OC PNP</p>	<p>1 P+ 2 n/a 3 P- 4 n/a</p>	<p>1 V+ 2 WARN 3 GND 4 U/IOUT</p>
<p>1 P+ 2 WARN 3 P- 4 OC PNP</p>	<p>1 P+ 2 n/a 3 P- 4 n/a</p>	<p>1 V(+) 2 WARN 3 GND 4 U/I</p>
18...35 VDC	18...35 VDC	18...35 VDC 24 VAC, +10%...-20%

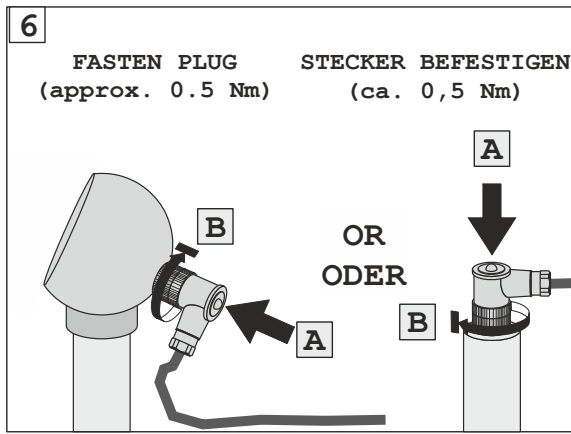
5 REASSEMBLY

B 3-4X

A

C

1 Nm



INSTALLATION  **CAUTION**

Before mounting or dismantling the unit, ensure that the system is without pressure and without electrical current! Process parts may be hot! Danger of personal injury due to hot process parts. Always allow the unit (and attached pipes) to cool down before mounting / dismantling the unit.

Mounting and Orientation

The device is mounted directly to the pipe via two G¹/₄" process connections (Width Across Flats: 19 mm). This process connection serves to fasten and secure the device in place. All mounting orientations are permitted.

Electrical Connection

All wiring must comply with applicable electrical codes and local ordinances (e.g. in Germany, in accordance with VDE regulations).

Pin Assignment of Plug

The plug is an A-coded, four-prong M12 plug (see also figure 4 on page 1).

Accessories (ordered separately)

Included in delivery: M12x1 Angled plug.
Optional: ST12-5-G (straight M12x1 plug)

Accessories

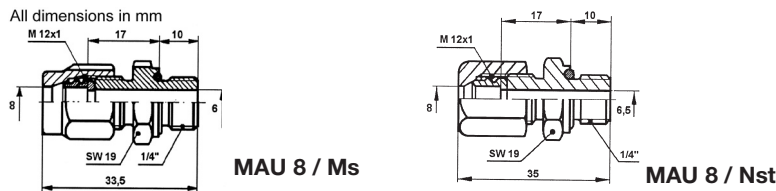
Threaded joints and valve combinations for differential pressure Threaded joint with male adapter union G 1/4"/8 mm

G 1/4" external thread with O-ring seal for connection of pipes with 8 mm external diameter for connection of: Differential pressure switches DDCM... and other devices with G 1/4" internal thread

Product Summary

Body	O-ring	Type
Brass	NBR	MAU 8 / Ms
Stainless steel (1.4571)	FPM	MAU 8 / Nst

Max. permissible temperature: 100°C Max. permissible pressure: 100 bar



Manufactured for and on behalf of the Environmental & Energy Solutions Division of Honeywell Technologies Sàrl, Rolle, Z.A. La Pièce 16, Switzerland by its Authorized Representative:

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