

# T.2

hex 22  
stainless steel  
1.4305 / AISI 303



# 0645 / 0650 / 0660

Electrical connectors and threads

**DIN EN 175301-803-A**

Pin	0645 / 0650	0660
1	U <sub>v+</sub>	U <sub>v+</sub>
2	Gnd	I <sub>out</sub>
3	U <sub>out</sub>	nc
PE		

IP65

x ~ 60 mm without coupler socket  
x ~ 76 mm with coupler socket

d ~ Ø 30 mm

**Connection code: 013**

**M12 – DIN EN 61076-2-101 A**

Pin	0645 / 0650	0660
1	U <sub>v+</sub>	U <sub>v+</sub>
2	U <sub>out</sub>	nc
3	Gnd	I <sub>out</sub>
4	nc	nc

IP67

x ~ 54 mm

d ~ Ø 22 mm

**Connection code: 002**

**ISO 15170-A1-4.1**

Pin	0645 / 0650	0660
1	U <sub>v+</sub>	U <sub>v+</sub>
2	Gnd	nc
3	U <sub>out</sub>	I <sub>out</sub>
4	nc	nc

IP67

x ~ 65 mm

d ~ Ø 27 mm

**Connection code: 004**

**Cable connection**

Pin	0645 / 0650	0660
1	U <sub>v+</sub>	U <sub>v+</sub>
2	U <sub>out</sub>	nc
3	Gnd	I <sub>out</sub>

IP67

x ~ 44 mm (+ 20 mm bend relief)  
Cable length ~ 2 m

d ~ Ø 22 mm

**Connection code: 011**

Sealing ring  
G1/4 DIN  
EN ISO 1179-2  
(DIN 3852-11)  
form E

**Thread code: 41**

# 0645 / 0650 / 0660

Article matrix for pressure transmitters

T.2

hex 22

stainless steel

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	Type	Pressure range	Pressure connection	Seal material	Electrical connection
	↓	↓	↓	↓	↓
0.5 - 4.5 V ratiometric	<b>0645</b>				
0 - 10 V, 3-wire	<b>0650</b>				
4 - 20 mA, 2-wire	<b>0660</b>				

Pressure range	Max. Overpressure <sup>1)</sup>	
-1 – 0 bar (Vacuum, approx. -29.6 inHg)	3 bar	<b>000</b>
0 - 1 bar (approx. 14.5 PSI)	3 bar	<b>100</b>
0 - 4 bar (approx. 58 PSI)	8 bar	<b>400</b>
0 - 6 bar (approx. 87 PSI)	12 bar	<b>600</b>
0 - 10 bar (approx. 145 PSI)	20 bar	<b>101</b>
0 - 16 bar (approx. 232 PSI)	32 bar	<b>161</b>
0 - 40 bar (approx. 580 PSI)	80 bar	<b>401</b>
0 - 100 bar (approx. 1,450 PSI)	200 bar	<b>102</b>

### Pressure connection

G1/4 – DIN EN ISO 1179-2 (DIN 3852-11), form E	<b>41</b>
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### Seal material – Application areas

NBR	Hydraulic/machine oil, heating oil, air, nitrogen, water, etc.	-30 °C ... +100 °C (-22 °F ... +212 °F)	<b>1</b>
EPDM <sup>2)</sup>	Brake fluid, water, acetylene, hydrogen, etc.	-30 °C ... +125 °C (-22 °F ... +257 °F)	<b>2</b>
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	-20 °C ... +125 °C (-4 °F ... +257 °F)	<b>3</b>

### Electrical connection

DIN EN 175301-803-A (DIN 43650-A); socket device included	<b>013</b>
M12x1 - DIN EN 61076-2-101-A	<b>002</b>
Bayonet ISO 15170-A1-4.1 (DIN 72585-A1-4.1)	<b>004</b>
Cable connection (length of cable 2 m standard)	<b>011</b>

<b>Article number:</b>	<b>06XX</b>	<b>XXX</b>	<b>41</b>	<b>X</b>	<b>XXX</b>
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<sup>1)</sup> Static pressure, dynamic pressure 30 to 50% lower. Values refer to the hydraulic or pneumatic part of the pressure transmitter.

<sup>2)</sup> For oxygen applications, the EPDM diaphragm can only be used up to 10 bar and a media temperature of max. +60°C.

