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	Uv+	Uv+
2	Gnd	I_{out}
3	U_{out}	nc
PE	⏚	⏚

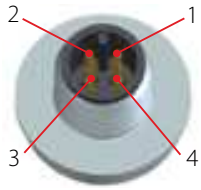
IP65

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

d ~ Ø 30 mm

Order number: 013

M12 – DIN EN 61076-2-101 A



Pin	0645 / 0650	0660
1	Uv+	Uv+
2	U_{out}	nc
3	Gnd	I_{out}
4	nc	nc

IP67

x ~ 54 mm

d ~ Ø 22 mm

Order number: 002

ISO 15170 - A1 - 4.1



Pin	0645 / 0650	0660
1	Uv+	Uv+
2	Gnd	nc
3	U_{out}	I_{out}
4	nc	nc

IP67

x ~ 65 mm

d ~ Ø 27 mm

Order number: 004

Cable connection



Pin	0645 / 0650	0660
1	Uv+	Uv+
2	U_{out}	nc
3	Gnd	I_{out}

IP67

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

d ~ Ø 22 mm

Order number: 011



Thread code: 41

RoHS II compliant

0645 / 0650 / 0660

Order matrix for pressure transmitters

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

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

Pressure connection

G1/4 – DIN EN ISO 1179-2 (DIN 3852-11), form E	**41**

Seal material – Application areas

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

Electrical connection

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

	↓	↓	↓	↓	↓
Your order number:	**06XX**	**XXX**	**41**	**X**	**XXX**

[1)] Static pressure, dynamic pressure 30 to 50% lower. Values refer to the hydraulic or pneumatic part of the pressure transmitter.

RoHSII compliant