

T.3

hex 22
stainless steel
1.4404 / AISI 316L



0675 / 0680 / 0690

Electrical connectors and threads

DIN EN 175301 - 803 - A

Pin	0675 / 0680	0690
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

Connection code: 013

M12 - DIN EN 61076 - 2 -101 A

Pin	0675 / 0680	0690
1	Uv+	Uv+
2	U _{out}	nc
3	Gnd	I _{out}
4	nc	nc

IP67

x ~ 54 mm

d ~ Ø 22 mm

Connection code: 002

ISO 15170 - A1 - 4.1

Pin	0675 / 0680	0690
1	Uv+	Uv+
2	Gnd	nc
3	U _{out}	I _{out}
4	nc	nc

IP67

x ~ 65 mm

d ~ Ø 27 mm

Connection code: 004

Cable connection

1: red
2: white
3: black

Pin	0675 / 0680	0690
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

Connection code: 011

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

Thread code: 41

0675 / 0680 / 0690

Article matrix for pressure transmitters

T.3

hex 22

stainless steel

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	Type	Pressure range	Pressure connection	Seal material	Electrical connection
	↓	↓	↓	↓	↓
0,5 - 4,5 V ratiometric	0675				
0 - 10 V, 3-wire	0680				
4 - 20 mA, 2-wire	0690				

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
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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)	1
EPDM²⁾	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

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

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

