T.4

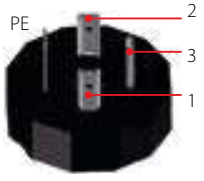
hex 22
High Performance



0705 / 0710 / 0720

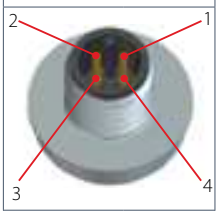
Electrical connectors and threads

DIN EN 175301- 803 - A



Pin	0705 / 0710	0720
1	U_{out}	nc
2	Gnd	I_{out}
3	Uv+	Uv+
PE	⏚	⏚
IP65		
x ~ 60 / 76 mm*		
d ~ Ø 30 mm		
Order number: 001		

M12 DIN EN 61076 - 2-101 A



Pin	0705 / 0710	0720
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	0705 / 0710	0720
1	Uv+	Uv+
2	Gnd	nc
3	U_{out}	I_{out}
4	nc	nc
IP67, IP6K9K		
x ~ 65 mm		
d ~ Ø 27 mm		
Order number: 004		

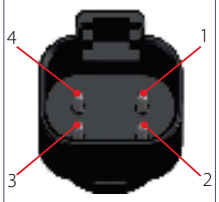
AMP Superseal 1.5 ®



Pin	0705 / 0710	0720
1	U_{out}	nc
2	Gnd	I_{out}
3	Uv+	Uv+
IP67		
x ~ 73 mm		
d ~ Ø 26 mm		
Order number: 007		

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

Deutsch DT04 - 4P



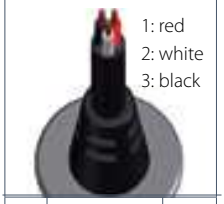
Pin	0705 / 0710	0720
1	Gnd	I_{out}
2	Uv+	Uv+
3	nc	nc
4	U_{out}	nc
IP67, IP6K9K		
x ~ 74 mm		
d ~ Ø 23 mm		
Order number: 008		

Deutsch DT04 - 3P

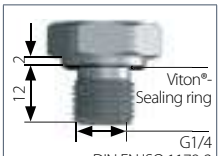


Pin	0705 / 0710	0720
A	Uv+	Uv+
B	Gnd	nc
C	U_{out}	I_{out}
IP67, IP6K9K		
x ~ 74 mm		
d ~ Ø 23 mm		
Order number: 010		

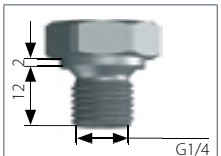
Cable connection



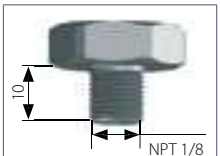
Pin	0705 / 0710	0720
1	Uv+	Uv+
2	U_{out}	nc
3	Gnd	I_{out}
IP67		
x ~ 44 mm (+ 20 mm bend relief) Cable lenght ~ 2m		
d ~ Ø 22 mm		
Order number: 011		



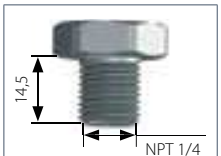
Order number: 41



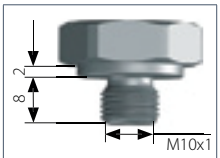
Order number: 03



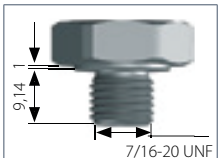
Order number: 04



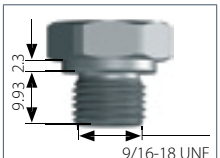
Order number: 09



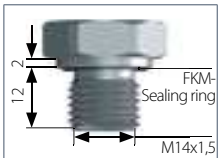
Order number: 30



Order number: 20



Order number: 21



Order number: 42

RoHSII compliant

0705 / 0710 / 0720

Order matrix for pressure transmitters

	Type	Pressure range	Pressure connection	Pressure unit	Electrical connection
	↓	↓	↓	↓	↓

0.5 - 4.5 V ratiometric	**0705**
0 - 10 V, 3-wire	**0710**
4 - 20 mA, 2-wire	**0720**

Pressure range	**Max. overpressure[1)]**	
0 – 10 bar (approx. 145 PSI)	40 bar	**101**
0 – 16 bar (approx. 232 PSI)	64 bar	**161**
0 – 25 bar (approx. 362 PSI)	100 bar	**251**
0 – 40 bar (approx. 580 PSI)	160 bar	**401**
0 – 60 bar (approx. 870 PSI)	240 bar	**601**
0 – 100 bar (approx. 1,450 PSI)	400 bar	**102**
0 – 160 bar (approx. 2,320 PSI)	640 bar	**162**
0 – 250 bar (approx. 3,620 PSI)	1,000 bar	**252**
0 – 400 bar (approx. 5,800 PSI)	1,600 bar	**402**
0 – 600 bar (approx. 8,700 PSI)	1,650 bar	**602**

Pressure connection

G1/4 – DIN EN ISO 1179-2 (DIN 3852-11), form E	**41**
G1/4 – DIN 3852-A	**03**
NPT 1/8 (max. to 250 bar)	**04**
NPT 1/4	**09**
M 10 x 1 cyl. DIN 3852-A (max. to 250 bar)	**30**
7 / 16 – 20 UNF (max. to 250 bar)	**20**
9 / 16 – 18 UNF	**21**
M 14 x 1,5 – DIN EN ISO 9974-2 (DIN 3852-11), form E	**42**

Pressure unit

bar	**B**
PSI	**P**

Electrical connection

DIN EN 175301-803-A (DIN 43 650-A) ; socket device included	**001**
M 12 – DIN EN 61076-2-101 A	**002**
Bayonet ISO 15170-A1-4.1 (DIN 72585-A1-4.1)	**004**
AMP Superseal 1.5®	**007**
Deutsch DT04-4P	**008**
Deutsch DT04-3P	**010**
Cable connection (length of cable 2 m standard)	**011**

	↓	↓	↓	↓	↓
Your order number:	**07XX**	**XXX**	**XX**	**X**	**XXX**

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