

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	U _{v+}	U _{v+}
PE		

IP65

$x \sim 60 / 76 \text{ mm}^*$

$d \sim \text{Ø } 30 \text{ mm}$

Connection code: 001

M12 DIN EN 61076 - 2-101 A

Pin	0705 / 0710	0720
1	U _{v+}	U _{v+}
2	U _{out}	nc
3	Gnd	I _{out}
4	nc	nc

IP67

$x \sim 54 \text{ mm}$

$d \sim \text{Ø } 22 \text{ mm}$

Connection code: 002

ISO 15170 - A1 - 4.1

Pin	0705 / 0710	0720
1	U _{v+}	U _{v+}
2	Gnd	nc
3	U _{out}	I _{out}
4	nc	nc

IP67, IP6K9K

$x \sim 65 \text{ mm}$

$d \sim \text{Ø } 27 \text{ mm}$

Connection code: 004

AMP Superseal 1.5®

Pin	0705 / 0710	0720
1	U _{out}	nc
2	Gnd	I _{out}
3	U _{v+}	U _{v+}

IP67

$x \sim 73 \text{ mm}$

$d \sim \text{Ø } 26 \text{ mm}$

Connection code: 007

* $x \sim 60 \text{ mm}$ without coupler socket, $x \sim 76 \text{ mm}$ with coupler socket

Deutsch DT04 - 4P

Pin	0705 / 0710	0720
1	Gnd	I _{out}
2	U _{v+}	U _{v+}
3	nc	nc
4	U _{out}	nc

IP67, IP6K9K

$x \sim 74 \text{ mm}$

$d \sim \text{Ø } 23 \text{ mm}$

Connection code: 008

Deutsch DT04 - 3P

Pin	0705 / 0710	0720
A	U _{v+}	U _{v+}
B	Gnd	nc
C	U _{out}	I _{out}

IP67, IP6K9K

$x \sim 74 \text{ mm}$

$d \sim \text{Ø } 23 \text{ mm}$

Connection code: 010

Cable connection

Pin	0705 / 0710	0720
1	U _{v+}	U _{v+}
2	U _{out}	nc
3	Gnd	I _{out}

IP67

$x \sim 44 \text{ mm}$
(+ 20 mm bend relief)
Cable length $\sim 2 \text{ m}$

$d \sim \text{Ø } 22 \text{ mm}$

Connection code: 011

Thread code: 41

Thread code: 03

Thread code: 04

Thread code: 09

Thread code: 30

Thread code: 20

Thread code: 21

Thread code: 42

0705 / 0710 / 0720

Article matrix for pressure transmitters

T.4

hex 22

High Performance



	Type	Pressure range bar / PSI	Pressure connection	Pressure unit	Electrical connection
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0,5 - 4,5 V ratiometric	0705
0 - 10 V, 3-wire	0710
4 - 20 mA, 2-wire	0720

Pressure range in bar ¹⁾

0 - 10 bar	101
0 - 16 bar	161
0 - 25 bar	251
0 - 40 bar	401
0 - 60 bar	601
0 - 100 bar	102
0 - 160 bar	162
0 - 250 bar	252
0 - 400 bar	402
0 - 600 bar	602

Pressure range in PSI ¹⁾

0 - 150 PSI	152
0 - 200 PSI	202
0 - 300 PSI	302
0 - 600 PSI	602
0 - 1,000 PSI	103
0 - 1,500 PSI	153
0 - 2,500 PSI	253
0 - 3,000 PSI	303
0 - 6,000 PSI	603
0 - 8,700 PSI	873

B

P

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 ²⁾

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

Article number:	07XX	XXX	/	XXX	XX	X	XXX
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¹⁾ The respective overpressure and burst pressure values of the individual pressure ranges (in bar and PSI) can be found in the „Technical data“ on page 157.

²⁾ The pressure unit (bar or PSI) must correspond to the selected pressure range (in bar or PSI).



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