

0110/0112/0114/0116/0118/0122/0124

Diaphragm pressure switches with integrated connector

- Setting ranges to up to 50 bar (higher settings refer to page 26)
- NC or NO, maximum voltage 42 V
- Zinc-plated steel (Cr VI-free)
- Overpressure safety up to 300 bar¹⁾
- Burst pressure safety up to 400 bar¹⁾

Plug-in types for diaphragm pressure switches

Deutsch DT04-2P	0110 - XXX XX - X - XXX	0110 - XXX XX - X - XXX
AMP Superseal 1.5°	0112 - XXX XX - X - XXX	0112 - XXX XX - X - XXX
Packard MetriPack 280°	0114 - XXX XX - X - XXX	0114 - XXX XX - X - XXX
Deutsch DT04-3P	0116 - XXX XX - X - XXX	0116 - XXX XX - X - XXX
AMP Junior Timer®	0118 - XXX XX - X - XXX	0118 - XXX XX - X - XXX
M12x1 DIN EN 61076-2-101-A (PIN 1+3)	0122 - XXX XX - X - XXX	0122 - XXX XX - X - XXX
M12x1 DIN EN 60947-5-2 (PIN 1+2 / PIN 1+4)	0124 - XXX XX - X - XXX	0124 - XXX XX - X - XXX

Adjustment range (Tolerance at room temperature)	Male thread	Article number NO → ;:	Article number NC → ;:
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Diaphragm pressure switches with integrated connector

0.1 - 1 (± 0.2) bar	G1/4	XXXX - 403 03 - X - 011	XXXX - 404 03 - X - 015
	G1/8	XXXX - 403 28 - X - 603	XXXX - 404 28 - X - 604
	M10x1 cyl.	XXXX - 403 13 - X - 003	XXXX - 404 13 - X - 004
	M10x1 con.	XXXX - 403 01 - X - 009	XXXX - 404 01 - X - 013
	M12x1.5 cyl.	XXXX - 403 02 - X - 010	XXXX - 404 02 - X - 014
	NPT1/8	XXXX - 403 04 - X - 012	XXXX - 404 04 - X - 016
0.5 - 3 (± 0.3) bar	G1/4	XXXX - 423 03 - X - 070	XXXX - 424 03 - X - 070
	G1/8	XXXX - 423 28 - X - 070	XXXX - 424 28 - X - 070
	M10x1 cyl.	XXXX - 423 13 - X - 070	XXXX - 424 13 - X - 070
	M10x1 con.	XXXX - 423 01 - X - 070	XXXX - 424 01 - X - 070
	M12x1.5 cyl.	XXXX - 423 02 - X - 070	XXXX - 424 02 - X - 070
	NPT1/8	XXXX - 423 04 - X - 070	XXXX - 424 04 - X - 070
1 - 10 (± 0.5) bar	G1/4	XXXX - 407 03 - X - 027	XXXX - 408 03 - X - 031
	G1/8	XXXX - 407 28 - X - 607	XXXX - 408 28 - X - 608
	M10x1 cyl.	XXXX - 407 13 - X - 007	XXXX - 408 13 - X - 008
	M10x1 con.	XXXX - 407 01 - X - 025	XXXX - 408 01 - X - 029
	M12x1.5 cyl.	XXXX - 407 02 - X - 026	XXXX - 408 02 - X - 030
	NPT1/8	XXXX - 407 04 - X - 028	XXXX - 408 04 - X - 032

Seal material – Application areas

NBR	Hydraulic/machine oil, heating oil, air, nitrogen, etc.	1
EPDM	Brake fluid, hydrogen, oxygen, acetylene, etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	3
FFKM	Chemical acids, diluted alkalis, ketones, ester's, alcohols	6
HNBR	Hydraulic/machine oil, ester-based bio-oils	9

Refer to page 24 for the temperature range and application thresholds of sealing materials.

Article number: **01XX - XXX XX - X - XXX**

¹⁾ Static value. Dynamic value is 30-50 % lower. Values pertain to the hydraulic/pneumatic part of the pressure switch.

M.1
hex 24 integrated



M.1

hex 24 integrated

0110/0112/0114/0116/0118/0122/0124

Diaphragm pressure switches with integrated connector

- Setting ranges up to 50 bar (lower settings refer to page 25)
- NC or NO, maximum operating voltage up to 42 V
- Zinc-plated steel (Cr VI-free)
- Overpressure safety up to 300 bar¹⁾
- Burst pressure safety up to 400 bar¹⁾

Plug-in types for diaphragm pressure switches

Deutsch DT04-2P	0110 - XXX XX - X - XXX	0110 - XXX XX - X - XXX
AMP Superseal 1.5®	0112 - XXX XX - X - XXX	0112 - XXX XX - X - XXX
Packard MetriPack 280®	0114 - XXX XX - X - XXX	0114 - XXX XX - X - XXX
Deutsch DT04-3P	0116 - XXX XX - X - XXX	0116 - XXX XX - X - XXX
AMP Junior Timer®	0118 - XXX XX - X - XXX	0118 - XXX XX - X - XXX
M12x1 DIN EN 61076-2-101-A (PIN 1+3)	0122 - XXX XX - X - XXX	0122 - XXX XX - X - XXX
M12x1 DIN EN 60947-5-2 (PIN 1+2 / PIN 1+4)	0124 - XXX XX - X - XXX	0124 - XXX XX - X - XXX



0122 Coding: PIN 1+3



0124 Coding: PIN 1+4 (NO)



0124 Coding: PIN 1+2 (NC)



Adjustment range (tolerance at room temperature)	Male thread	Article number NO → :	Article number NC → :
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Diaphragm pressure switches with integrated connector

10 - 20 (± 1) bar	G1/4	XXXX - 411 03 - X - 043	XXXX - 412 03 - X - 047
	G1/8	XXXX - 411 28 - X - 611	XXXX - 412 28 - X - 612
	M10x1 cyl.	XXXX - 411 13 - X - 011	XXXX - 412 13 - X - 012
	M10x1 con.	XXXX - 411 01 - X - 041	XXXX - 412 01 - X - 045
	M12x1.5 cyl.	XXXX - 411 02 - X - 042	XXXX - 412 02 - X - 046
	NPT1/8	XXXX - 411 04 - X - 044	XXXX - 412 04 - X - 048
20 - 50 (± 2) bar	G1/4	XXXX - 415 03 - X - 059	XXXX - 416 03 - X - 063
	G1/8	XXXX - 415 28 - X - 615	XXXX - 416 28 - X - 616
	M10x1 cyl.	XXXX - 415 13 - X - 015	XXXX - 416 13 - X - 016
	M10x1 con.	XXXX - 415 01 - X - 057	XXXX - 416 01 - X - 061
	M12x1.5 cyl.	XXXX - 415 02 - X - 058	XXXX - 416 02 - X - 062
	NPT1/8	XXXX - 415 04 - X - 060	XXXX - 416 04 - X - 064

Seal material – Application areas

NBR	Hydraulic/machine oil, heating oil, air, nitrogen, etc.	1
EPDM	Brake fluid, hydrogen, oxygen, acetylene, etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	3
FFKM	Chemical acids, diluted alkalis, ketones, ester's, alcohols	6
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Article number:

01XX - XXX XX - X - XXX

¹⁾ Static value. Dynamic value is 30-50 % lower. Values pertain to the hydraulic/pneumatic part of the pressure switch.