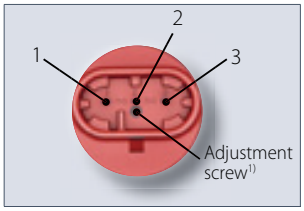
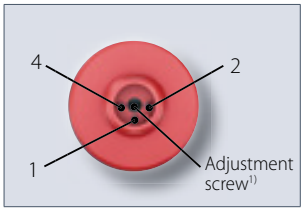
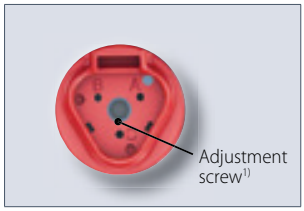
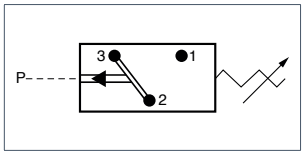
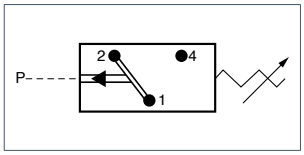
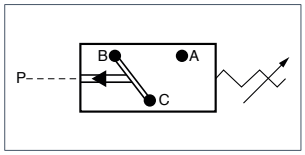
0132 / 0133 / 0134 / 0135 / 0136 / 0137

Diaphragm/piston pressure switches with integrated connector, maximum operating voltage up to 48 V

- Simple, quick and reliable electrical connection with easy-to-fit connectors
- Quick fitting with socket wrench (spanner)
- Changeover with silver contacts (gold contacts available as option)
- Hysteresis adjustable at factory
- Made of zinc-plated steel (CrVI-free, other housing materials available as option)

Model / type	0132 / 0133	0134 / 0135	0136 / 0137
			
	TE AMP Superseal 1.5® IP67	**M12x1 EN 61076-2-101-A** Contact assignment DIN 60947-5-2 IP67	**Deutsch DT04-3P®** IP67, IP6K9K
Height without thread	H ≈ 73 mm	H ≈ 65 mm	H ≈ 71 mm
Contact assignments			
Circuit diagrams			

[1)] Blade of screwdriver max. 2 mm

Accessory

Not included in the delivery.

Please order separately.

Mating plug with 2 m cable

	TE AMP Superseal 1.5®	M12x1 DIN EN 61076-2-101-LF	Deutsch DT06-3S®
			
Cable cross-section / IP protection	3 x 0,5 mm² Radox cable / IP65	4 x 0,34 mm² PUR cable / IP67	3 x 0,5 mm² PUR cable / IP67
Order number	**1-1-32-653-158**	**1-1-00-653-162**	**1-1-36-653-160**

0132 / 0133 / 0134 / 0135 / 0136 / 0137

Diaphragm/piston pressure switches with integrated connector, maximum operating voltage up to 48 V

p_{max} in bar	Adjustment range in bar	Tolerance at room temperature in bar	Thread	Order number
0132 / 0134 / 0136 Diaphragm pressure switches				
100[1]	0.3 - 1.5	± 0.2	G1/4	013X - 457 03 - X - 003
			M10x1 con.	013X - 457 01 - X - 001
			M12x1.5 cyl.	013X - 457 02 - X - 002
			NPT1/8	013X - 457 04 - X - 318
			NPT1/4	013X - 457 09 - X - 314
			7/16-20 UNF	013X - 457 20 - X - 301
			9/16-18 UNF	013X - 457 21 - X - 302
300[1]	1 - 10	± 0.5	G1/4	013X - 458 03 - X - 042
			M10x1 con.	013X - 458 01 - X - 040
			M12x1.5 cyl.	013X - 458 02 - X - 041
			NPT1/8	013X - 458 04 - X - 343
			NPT1/4	013X - 458 09 - X - 340
			7/16-20 UNF	013X - 458 20 - X - 341
			9/16-18 UNF	013X - 458 21 - X - 342
	10 - 50	± 3.0	G1/4	013X - 459 03 - X - 009
			M10x1 con.	013X - 459 01 - X - 007
			M12x1.5 cyl.	013X - 459 02 - X - 008
			NPT1/8	013X - 459 04 - X - 320
			NPT1/4	013X - 459 09 - X - 316
			7/16-20 UNF	013X - 459 20 - X - 305
			9/16-18 UNF	013X - 459 21 - X - 306
	10 - 100	± 3.0 - 5.0	G1/4	013X - 461 03 - X - 012
			M10x1 con.	013X - 461 01 - X - 010
			M12x1.5 cyl.	013X - 461 02 - X - 011
			NPT1/8	013X - 461 04 - X - 321
			NPT1/4	013X - 461 09 - X - 317
			7/16-20 UNF	013X - 461 20 - X - 307
			9/16-18 UNF	013X - 461 21 - X - 308
0133 / 0135 / 0137 Piston pressure switches				
600[1]	50 - 200	± 5.0	G1/4	013X - 460 03 - X - 003
			M10x1 con.	013X - 460 01 - X - 001
			M12x1.5 cyl.	013X - 460 02 - X - 002
			NPT1/8	013X - 460 04 - X - 304
			NPT1/4	013X - 460 09 - X - 303
			7/16-20 UNF	013X - 460 20 - X - 301
			9/16-18 UNF	013X - 460 21 - X - 302

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[2]	Hydraulic/machine oil, ester-based bio-oils	9

Refer to page 33 for the temperature range and application thresholds of sealing materials.

Your order number:	013X – XXX XX – X – XXX

[1] Static value. Dynamic value is 30-50 % lower. Values pertain to the hydraulic/pneumatic part of the pressure switch.
[2] HNBR diaphragm not available for pressure ranges 0.3 - 1.5 bar.

