

M.2

hex 27 integrated

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)

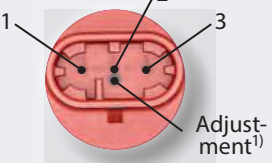
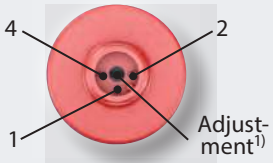
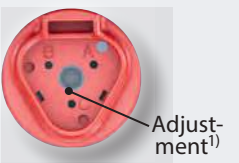
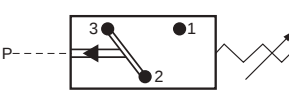
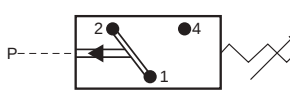
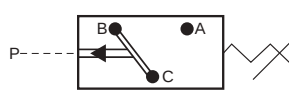
Model / type ►

Height without thread ►

Contact assignments ►

¹⁾Blade of screwdriver max. 2 mm

Circuit diagrams ►

0132 / 0133	0134 / 0135	0136 / 0137
		
TE AMP Superseal 1.5° IP67	M12x1 DIN EN 61076-2-101A Contact assignment DIN 60947-5-2 IP67	Deutsch DT04-3P° IP67, IP6K9K
L ~ 73 mm	L ~ 65 mm	L ~ 71 mm
		
		

Accessory ►

Not included
in the delivery.
Please order separately.

Cable cross-section / IP protection ►

Order number ►

Mating plug with 2 m cable

TE AMP Superseal 1.5°	M12x1 DIN EN 61076-2-101-LF	Deutsch DT06-3S°
		
3 x 0.5 mm ² Radox cable / IP65	4 x 0.34 mm ² PUR cable / IP67	3 x 0.5 mm ² PUR cable / IP67
1-1-32-653-158	1-1-00-653-162	1-1-36-653-160

p _{max.} in bar	Adjustment range in bar	Tolerance in bar at room temperature	Thread	Order number
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0132 / 0134 / 0136 Diaphragm pressure switches

100 ¹⁾	0.3 – 1.5	± 0.2	G 1/4	013X – 457 03 – X – 003
			M 10x1 con.	013X – 457 01 – X – 001
			M 12x1.5 cyl.	013X – 457 02 – X – 002
			NPT 1/8	013X – 457 04 – X – 318
			NPT 1/4	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	G 1/4	013X – 458 03 – X – 042
			M 10x1 con.	013X – 458 01 – X – 040
			M 12x1.5 cyl.	013X – 458 02 – X – 041
			NPT 1/8	013X – 458 04 – X – 343
			NPT 1/4	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	G 1/4	013X – 459 03 – X – 009
			M 10x1 con.	013X – 459 01 – X – 007
			M 12x1.5 cyl.	013X – 459 02 – X – 008
			NPT 1/8	013X – 459 04 – X – 320
			NPT 1/4	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	G 1/4	013X – 461 03 – X – 012
			M 10x1 con.	013X – 461 01 – X – 010
			M 12x1.5 cyl.	013X – 461 02 – X – 011
			NPT 1/8	013X – 461 04 – X – 321
			NPT 1/4	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	G 1/4	013X – 460 03 – X – 003
			M 10x1 con.	013X – 460 01 – X – 001
			M 12x1.5 cyl.	013X – 460 02 – X – 002
			NPT 1/8	013X – 460 04 – X – 304
			NPT 1/4	013X – 460 09 – X – 303
			7/16-20 UNF	013X – 460 20 – X – 301
			9/16-18 UNF	013X – 460 21 – X – 302

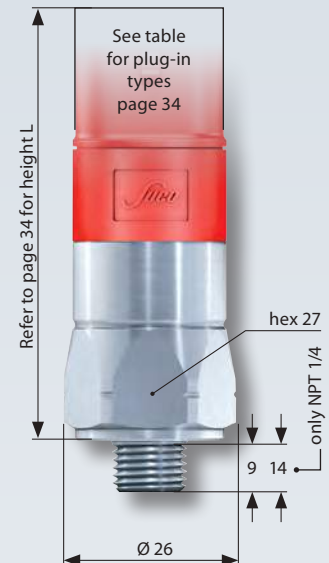
Seal material – Application areas

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
HNBR	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.