

Diaphragm Pressure Switch with stepless set-point adjustment,
coupler socket DIN 43650 and adjustable hysteresis, max. voltage 250 V

679-057

0184

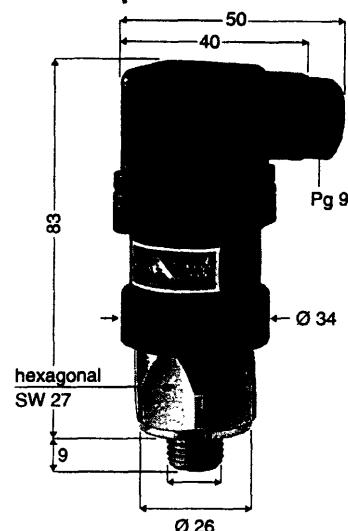
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Special model:

Connector with lamp
indication is also available



Change-over switch



Technical data

Duty:	4 A/250 V
Protection:	IP 65
Maximum operation:	200/min.
Temperature range:	- 30°C to + 120°C (according to diaphragm material)
Maximum voltage:	250 V~
Hysteresis adjustment:	10 to 30 % (adjusted at factory)
Mechanical life:	10 ⁶ operations at pressure up to 50 bar
Body material:	zinc plated steel (Fe/Zn 12 cC)

Diaphragm material

1 NBR	Hydraulic-oil, engine-oil, heating-oil, turpentine, air.
2 EPDM	Water, hydrogen, seawater, acetylene, ozone, oxygen, brakefluid.
3 FKM	Hydraulic-fluid i.e. (HFA, HFB, HFC, HFD), gasoline

Insert number of selected diaphragm material.

Type 0184	Thread type	Adjustment range in bar	Tolerance in bar at room temp.	Over-pressure up to bar*
457 01 001	M 10 × 1 T	0,3-1,5	± 0,2	100
457 02 002	M 12 × 1,5			
457 03 003	G ¼"			
458 01 040	M 10 × 1 T	1-10	± 0,5-1,0	300
458 02 041	M 12 × 1,5			
458 03 042	G ¼"			
459 01 007	M 10 × 1 T	10-50	± 3,0	
459 02 008	M 12 × 1,5			
459 03 009	G ¼"			
461 01 010	M 10 × 1 T	10-100	± 3,0-5,0	
461 02 011	M 12 × 1,5			
461 03 012	G ¼"			

Protection IP 65:

The type test is not automatically transferable to other environmental conditions. Verification, whether the plug connection is in compliance with regulations and specifications different from those indicated, or whether it can be used for specific unforeseen applications, is incumbent upon the user.

When using oxygen, the relating accident prevention regulations are to be observed. Above that we recommend not to exceed a maximum operational pressure of 10 bar.

* Over-pressure safety levels refer to the hydraulic or pneumatic part of the pressure switch.

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