

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

[查询"0184-457031-SS"供应商](#)

679-057

0184

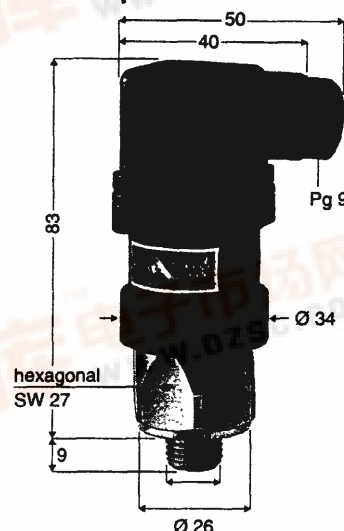
094

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.