



AIR DIFFERENTIAL PRESSURE SWITCHES

DBL

FUNCTION

Differential pressure for air or non aggressive and non inflammable gases control.
Alarm activation at a pre-set value.

APPLICATIONS

Well-suited in domestic, commercial and industrial strong polluted areas in air conditioning and ventilating systems for:

- filter monitoring;
- correct fan operating control;
- low pressure and overpressure monitoring;
- deactivating of electrical heaters during air missing.

TYPE	RANGE mbar	HYSTERESIS mbar	MAX. PRESSURE mbar
DBL-205A	0.3...4.0	0.15 ± 15%	100
DBL-205B	0.5...5.0	0.2 ± 15%	100
DBL-205C	0.2...3.0	0.1 ± 15%	100
DBL-205D	2...10	1.0 ± 15%	100
DBL-205E	5...25	1.5 ± 15%	100
Accessories	DBZ-06 - Connection set with 2 PVC duct connectors, 2 m flexible PVC 5 x 8 hose and 4 screws for diffetential pressure switches		
	DBZ-14A - Set with mounting bracket and screws		
	DBZ-14B - Set with mounting bracket and screws		

TECHNICAL FEATURES

Contact:	according to EN 1854 (EN 60730) microswitch with SPDT contacts
Switch capacity:	1.5 (0.4) A, 250 Vac
Differential:	fixed (see schedule)
Working temp.:	-20...+85 °C 10...90% r.h. (without condensing)
Diaphragm:	silicon (LSR)
Storage:	-40...+85 °C < 95% r.h.
Housing:	PS
Protection:	IP54, class II
Size:	see figure
Weight:	180...210 g

NOTE

Connector P1 of higher pressure or lower vacuum.
Connector P2 of lower pressure or higher vacuum.
Connector Ø 6.0 mm for hose PVC 5 x 8 mm.



WIRING DIAGRAM

the contact 2 - 3 closes and the contact 1 - 3 opens when the differential pressure rises (fig. 1).

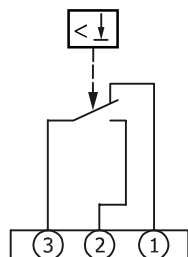


fig. 1

DIMENSIONS (mm)

