

AIR DIFFERENTIAL PRESSURE SWITCHES

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

ТҮРЕ	RANGE mbar	HYSTERESIS mbar	MAX. PRESSURE mbar
DBL-106	0.23.0	~ 0.1	75 (*)
DBL-106A	0.55.0	~ 0.2	75 (*)
DBL-106B	110	~ 0.4	75 (*)
DBL-106C	520	~ 1	75 (*)
DBL-106D	1050	~ 2.5	75 (*)
DBL-205A	0.34.0	0.15 ± 15%	100
DBL-205B	0.55.0	0.2 ± 15%	100
DBL-205D	210	1.0 ± 15%	100
DBL-205E	525	1.5 ± 15%	100
DBL-205F	0.22.0	0.1 ± 15%	100
DBL-205G	1040	2.5 ± 15%	100

(*) for T > 75 °C, 50 mbar

TECHNICAL FEATURES



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.

DBL-1: Diagrams of differential for the models referred to the 5 ranges.









10.0

DBL

ELECTRICAL WIRING

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



DIMENSIONS (mm)





DBL-1



