MURPHY DIFFERENTIAL PRESSURE SWITCH

The Murphy differential pressure switch is designed to control the pressure difference between two points in a system, activating an electrical signal when the set value is exceeded.







MATERIAL CHARACTERISTICS

Body: Painted steel.

Lid: Transparent polycarbonate.

Sensing element: Beryllium copper diaphragm.

Pressure connections: Brass 1/8" NPT Male.

Screws: Stainless steel .

OPERATING CHARACTERISTICS

Measurement range: 0 – 1 bar (differential).

Maximum allowable pressure: 3,4 bar.

Maximum allowable differential pressure: 2 bar.

Switching capacity: 2 A / 30 V AC or DC.

Accuracy: ±3 % of full range.

Protection grade: IP 65.

MODELS

CODE	MODEL	RRP (€)
12040025	1/2"	**299**

ACCESSORIES



TEFEN ACCESSORY
SEE PAGE

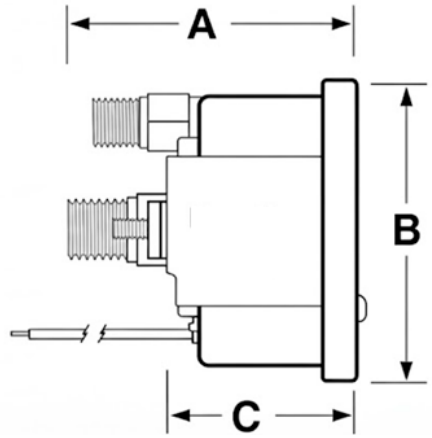


expansion card 2 outputs		
CODE	MODEL	RRP (€)
11030002	LATCH	**98**
11030001	24V/AC	**106**



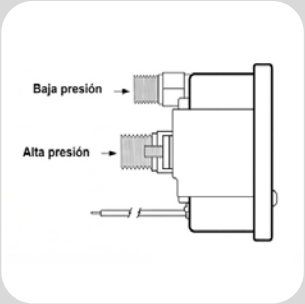
CLEANING SCHEDULER		
CODE	VOLTAGE	RRP (€)
11023078	LATCH	**390**
11023079	24V/AC	**415**

DIMENSIONS



A	B	C	D
56	33	**57**	**53**

INFORMATION



It has two entries on the back:

High Pressure Port: 1/8-27 NPTM connection. It connects to the higher pressure side of the system (before a filter, for example).

Low Pressure Port: Located above the main port on DP series models. It connects to the lower pressure side (after the filter).



Assembly Caution: When tightening fittings or pipes, a second wrench should not be used on the low pressure port. Prying this port can deform or destroy the internal measuring mechanisms.