



# ELLETTRON

S.R.L. MILANO

## PRE-SET PRESSURE SWITCHES WITH M12 INTEGRATED CONNECTOR SERIES MS/PS.. C21

This new range of MS/PS pressure switches with integrated M12 plug has been designed to meet and suit the increasing market demand for a rugged, compact, pre-set item solution with IP67 protection class. The 4-pin M12 connector, directly pressed and integrated in the protection cap, assures an easy and quick installation avoiding any difficult wiring and also reducing costs.

The many and various options available (eg. adjustment range 0.2 to 300 bar, different diaphragm and piston seal materials, choice in body materials, possibility to have gold-plated contact, high pressure or degreased executions, wide choice in thread connections, pre-setting rising or falling) make this pressure switch very versatile and suitable to meet even the most demanding application requirements.

MS/PS..C21 pressure switches have been designed with C/O SPDT contacts (Common,N/O,N/C,) rated at 250Vac/3(1)A and equipped with a specific pin for Ground connection to assure, in any applications, the highest safety possible.

### TECHNICAL DATA

Max Voltage	250 Vac
Operating Voltage	220 Vac
Resistive Load	3A
Resistive Load at 24 Vdc	2A
Inductive load S/D 50mV/s	1A / 24 Vdc
Switch insulation	Class C according to VDE 0110
Current in gold-plated contacts	≤ 30mA
Protection without cap	IP 00
Protection with CAP21	IP 67
Temperature range	Refer to diaphragm table
Max operating cycles at 25°C	120 / min. -diaphragm
Max operating cycles at 25°C	10 / min. -with S.S. diaphragm (MI)
Max operating cycles at 25°C	60 /min.- piston
Mechanical life	10 <sup>6</sup> cycles
Tightening torque	5 Kgm

### SPECIFICATION

24 AF Body	See reference table
Silver plated contacts	Ag, CdO
CAP21 material	Santoprene
Switch housing	Pocan

