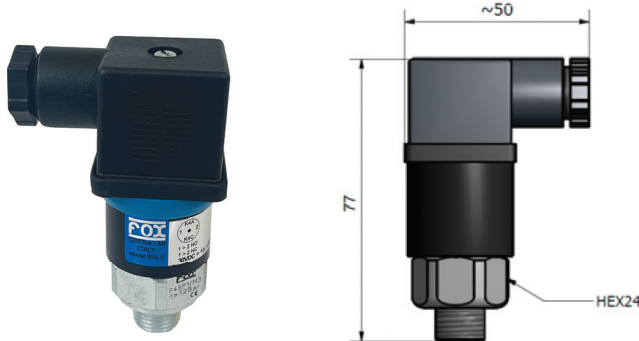


# F4 Series Electromechanical Pressure Switches M3 Connector



**TIMALCO**  
HYDRAULICS

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F4 Series Pressure Switch - Adjustable - M3 Type Connector

Part Number	Switching Pressure Range	Maximum Pressure	Execution	Electrical Contact	Port BSPP	Electrical Connection
F4SP1/M3	1 - 12 Bar	300 Bar	Piston	NO/NC	G 1/4"	M3 - 30x30 Connector

## Technical Features

**Working Temperature:** -25°C ÷ +85°C

**Switching Frequency:** 90 cycles/min

**Setting point:** Adjustable using internal screw

**Switching Accuracy:** ±4% of the end of scale at 20°C

**Fixed Hysteresis Value:**

- membrane execution ~ 10% of end of scale at 20°C
- piston execution ~ 15% of end of scale at 20°C
- Y piston execution ~ 25% of end of scale at 20°C

**Weight:** 0.05Kgs

**Mechanical Life:** 10<sup>6</sup> Cycles at 70 bar (1000 psi) at 20°C

**Electric Features:**

- Maximum Load: 0.5 A at 250 Volt AC, 0.15 A at 110 Volt DC
- Exchange Contacts (common, NO and NC) - SPDT
- Electric connection according to DIN43650 for M2 and M3
- Electric protection according to DIN40050:

IP65 for M2/M3 execution; IP54 for P3/P1 execution

**Electrical Contact:** Silver Plated