

MICRO SWITCH ZH



The microswitch series ZH are micro switches which can be built into a gauge or thermometer. They are designed for automatic control of hydraulic and industrial processes.

TECHNICAL CHARACTERISTICS

Switches: 10% and 75% of full scale
Differential: fixed 1/20 of full scale $\pm 10\%$
Settings: by means of permanent knob through the dial, on request a removable key type knob (specify CH).
Protection class: IP44, option IP55
Electrical connection: 4 core cable; connection earth according to CE specifications

OPTIONS AND ACCESSORIES

- Movement with built on two micro switches. Electrical connection with connector DIN 43650
- Can be fitted to the following models: TP300, TP400, SQ100, SC100, BE100, BP100, SQT100. (See related data sheet.)

HOW TO ORDER

After model choice add ZH1 for one micro switch SPDT or ZH2 for two micro switch SPDT.

Example : TP300, A, ZH1

ELECTRICAL CHARACTERISTICS

Electrical circuit	Voltage max.	Current amp max.
Inductive	28 V-DC / 250 V-AC	3 A / 5 A
Resistive	28 V-DC / 250 V-AC	5 A / 5 A

Electrical wire section 0,5 mm² (2,5A max)

SLAVE RELAY

Is used when instruments has to control a circuit with higher rating than that of the micro switch. This relay is not included.

ELECTRICAL PLANE AND CONNECTION

	1S	2M	2S	4M	1D
	Low pressure switch contacts close on falling pressure.	High pressure switch contacts open on rising pressure.	High pressure switch contacts close on rising pressure.	Low pressure switch contacts open on falling pressure.	Hi – Lo switch provides separate contact closures for rising and falling pressures.
Supply	Blue	Blue	Blue	Blue	Blue
Max	-	Brown	Black	Black	Black
Min	Brown	-	-	-	Brown
Earth	Yellow/Green	Yellow/Green	Yellow/Green	Yellow/Green	Yellow/Green