

MC 97



- 1 to 6 sensors connections
- Supply : 12 to 30 VDC
- Output : PNP or NPN
- Use in mode “AND” or “OR”
- Dimensions : 79 x 25 x 100 mm



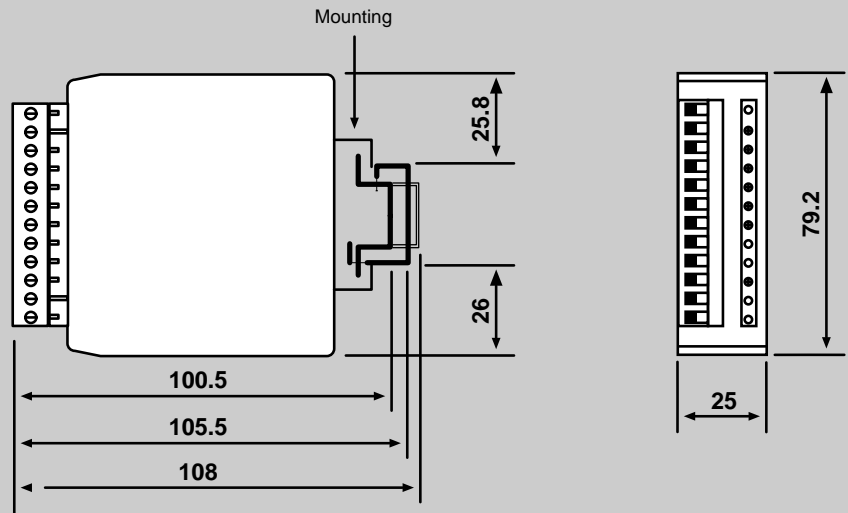
Description :

- Compatible connections for :
 - any PNP sensor
 - any DINEL sensor
 - any dry contact
- Usable output in P or in N
- Programmable logical “AND” or “OR”, “LO/DO” function by wiring
- Visualisation of inputs and the output by LEDs
- Socket terminal
- DIN rail mounting
- Plastic housing

Applications :

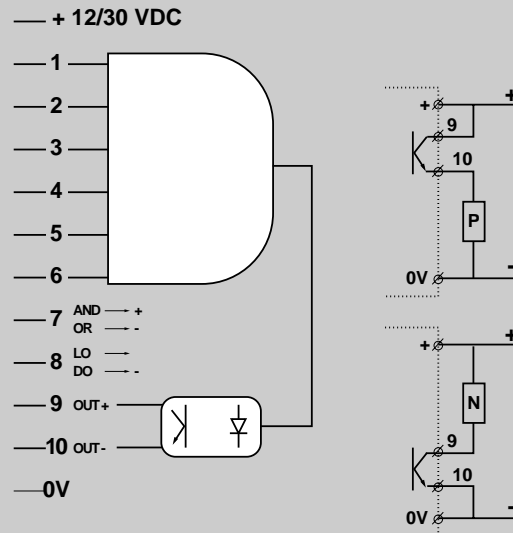
- Remote control.
- Wiring saving money.
- PLC connection simplification.

Dimensions



Wiring Connections

- Function “AND”** : the clamp n° 7 and unused inputs are connected to “+”
- Function “OR”** : the clamp n° 7 and unused inputs are connected to “0 V”
- Function “LO”** : the clamp n° 8 is connected to “+”
- Function “DO”** : the clamp n° 8 is connected to “0 V”



Technical Information

Supply	voltage	12 / 30 VDC ripple < 10% within specified limits
	consumption	100 mA
Response time	input to output	< 50 μs
	switching frequency	330 Hz
Entrance	low level	0 to 3 V or not connected
	high level	6 to 30 V
Output	maximum voltage	30 V
Out characteristics	maximum amperage	20 mA
	residual voltage at 20 mA	2,4 V
	residual voltage at 10 mA	2 V
Temperature	operating	0 à 50 °C
	stockage	-20 à 80 °C
Protections	supply	inverse polarity protection
	entrance	negative voltage
	output	permanent short-circuit or over-load protection

To Place Order

Product	multisensors logical module
Reference	MC 97

WIRING AND PROGRAMMING FUNCTIONS

LO/DO clamp 8	And/Or (see Wiring Connect.) clamp 7	Input clamps						Output
		1	2	3	4	5	6	
1	1	1	1	1	1	1	1	ON
1	1	Any other combination						OFF
0	1	1	1	1	1	1	1	OFF
0	1	Any other combination						ON
1	0	0	0	0	0	0	0	OFF
1	0	Any other combination						ON
0	0	0	0	0	0	0	0	ON
0	0	Any other combination						OFF