

Cerca nel sito

Login

[HOME](#)[PRODOTTI](#)[FIERE](#)[QUALITA'](#)[CONTATTI](#)*Prodotti*

[Cilindri](#)
[Valvole](#)
[Valvole \(mecc\)](#)
[Trattamento aria](#)
[Raccordi e tubi](#)

ATEX

[Introduzione](#)
[Direttiva](#)
[Marcatura](#)
[Prodotti](#)
[Manuali](#)
[Dichiarazione](#)

Magnetic sensors for cylinders series FM101**DESCRIPTION**

Magnetic sensors series "FM" allow to detect the magnetic piston position inside pneumatic cylinders. The magnetic field generated in the cylinder is used to signal electrical circuits as required. It's possible to choice between the two types of switches currently available:- Reed switch (this electromechanical switch can work with both AC or DC circuits)- Hall effect switch (electronic switch suitable for DC circuits only)Magnetic sensors have a LED that signals the insertion as standard.

NOTICE

The magnetic sensor is a switch that has to be assembled in series with a load (inductive, resistive or capacitive). Use the shortest possible connection cable to reduce self-capacitance to a minimum. In borderline cases, measures should be taken to cancel the effect of cable capacitance using a repetition relay (4 W) in series. Avoid close proximity to external magnetic fields such as electric motors or large iron masses, as they could effect the switch. The sensors are able to detect a magnetic signal at speeds of the piston up to 1 m/s.

**SERIES FM101****TECHNICAL DATA**

TYPE	FM101 - FM101/C	FM101E FM101E/C
Working temperature		10 ÷ +70 °C
Protection class		IP 67
Model	REED SWITCH	HALL EFFECT
Contacts	N.O.	PNP
Voltage AC/DC	5 ÷ 220 V	10 ÷ 30 V DC
Max voltage drop	3 V	0,5 V
Max exchange current	100mA	200mA
Max power		6W
Operating frequency	200 Hz	1000 Hz

MATERIALS

Body	Polyamide
Cable	Polyurethane
Connector	Polyurethane
Contacts	Gold-plated brass
Contact carrier	Nickel-plated brass
Ring nut	Brass

[<< Indietro](#)

Waircom mbs Sede commerciale e amministrativa Via Piemonte, 13/15 20070 Vizzolo Predabissi (MI) Italia
 Tel. 02 98230821 Fax. 02 98230830 E-mail: contatti@waircom-mbs.com Uff. Tecnico: uff.tecnico@waircom-mbs.com Uff.Commerciale: vendite@waircom-mbs.com -
 Privacy
 P.I. 00857150189

Powered by WebPyramid Enterprise Portal - Ver. 01.005.554 L. it