

TECHNICAL DATA SHEET

IPF

MZ070125

Magnetic sensor

PRODUCT PHOTO



General

Sensor Type	Magnetic
Application	Pneumatic cylinders

Mechanical Properties

Housing Material	Zinc die-cast
Protection Class (IP)	IP67
Ambient Temperature Minimum	-25 °C
Ambient Temperature Maximum	75 °C
Sensor Width	10.1 mm
Sensor Height	22 mm
Sensor Length	23 mm
Mounting Groove	6.2mm T-Nut

Electrical Properties

Switching Output Type	PNP
Switching Function	Normally Open
Rated Switching Current	200 mA
Idle Current	15 mA
Magnetic Sensitivity	2.8 mT
Hysteresis	1 mm
Relative Repeatability	0.1 mm
Switching Frequency	1000 Hz

TECHNICAL DATA SHEET**IPF****MZ070125**

Magnetic sensor

Electrical Properties (continued)

Voltage Drop	2 V
Connector Type	M12
Pole Count	4
LED Indicator	Yes
Short Circuit Protection	Yes
Reverse Polarity Protection	Yes

Request this product<https://jaescompany.com/product.php?productid=155716>