

MAGNETIC SAFETY SENSORS

MAGNUS RFID MRFID C B CA M

Combo (Sensor + Actuator) 78 mm interaxis. Actuator coded.
EDM input. Automatic restart. M12 connector

Certifications:



Safety Level:
Cat. 4
SIL 3 - SILCL3 PL e



Technical data:

Family	MAGNUS RFID
Code	1292100
Safety level (SIL / PL)	SIL 3 - SILCL3 / PL e - Cat. 4
Power supply (VDC)	24 +/- 10%
Connector	Pigtail M12 8-pole
Safety inputs	2
Response time (ms)	75
Safety outputs	2
Materials suitable for food applications	yes
Degree of protection	IP 67 / IP 69K (connector excluded)
Operating temperature (°C)	from -25 to 70
Test outputs	1
LED signalling	yes - 3 colour LED
Dimensions HxWxD (mm)	26x88x13
Fastening	M4 screws countersunk
Operation mode	yes
Switching distance (mm)	from 8 to 18
Housing	PBT / PC rectangular
Serial connection	max. 30 sensors
Monitored Start/Restart	automatic
Min. switching current at 24 VDC (mA)	400 mA max.
Technical Features	Max. switching voltage: 24 V +/- 0,2 V Switching frequency: 3 Hz Reversal polarity and short circuit protection
Actuation technology	Actuator coded - The actuator is free and not specifically assigned to the sensor (one actuator can work with multiple sensors)

Related products:

[MAGNUS RFID EC S4 1 - Male-female extension cable, M12 4-pole straight connector, Length 1 m](#)
[MAGNUS RFID EC S4 3 - Male-female extension cable, M12 4-pole straight connector, Length 3 m](#)
[MAGNUS RFID EC S4 5 - Male-female extension cable, M12 4-pole straight connector, Length 5 m](#)

[MAGNUS RFID EC S4 10 - Male-female extension cable, M12 4-pole straight connector. Length 10 m](#)
[MAGNUS RFID EC S8 1 - Male-female extension cable, M12 8-pole straight connector. Length 1 m](#)
[MAGNUS RFID EC S8 3 - Male-female extension cable, M12 8-pole straight connector. Length 3 m](#)
[MAGNUS RFID EC S8 5 - Male-female extension cable, M12 8-pole straight connector. Length 5 m](#)
[MAGNUS RFID EC S8 10 - Male-female extension cable, M12 8-pole straight connector. Length 10 m](#)
[MAGNUS RFID EC L4 1 - Male-female extension cable, M12 4-pole angled 90° connector. Length 1 m](#)
[MAGNUS RFID EC L4 3 - Male-female extension cable, M12 4-pole angled 90° connector. Length 3 m](#)
[MAGNUS RFID EC L4 5 - Male-female extension cable, M12 4-pole angled 90° connector. Length 5 m](#)
[MAGNUS RFID EC L4 10 - Male-female extension cable, M12 4-pole angled 90° connector. Length 10 m](#)
[MAGNUS RFID EC C4 1 - Female extension cable, M12 4-pole straight connector. Length 1 m](#)
[MAGNUS RFID EC C4 3 - Female extension cable, M12 4-pole straight connector. Length 3 m](#)
[MAGNUS RFID EC C4 5 - Female extension cable, M12 4-pole straight connector. Length 5 m](#)
[MAGNUS RFID EC C4 10 - Female extension cable, M12 4-pole straight connector. Length 10 m](#)
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[MAGNUS RFID EC C8 5 - Female extension cable, M12 8-pole straight connector. Length 5 m](#)
[MAGNUS RFID EC C8 10 - Female extension cable, M12 8-pole straight connector. Length 10 m](#)
[MAGNUS RFID TC A - T type A connector](#)
[MAGNUS RFID TC B - T type B connector](#)
[MAGNUS RFID TC C - T type C connector](#)
[MAGNUS RFID TP - terminator plug](#)
[MAGNUS RFID MRFID SP B - Spacer](#)

See technical drawing in the next page.

Technical drawing:

