

MAGNETIC SWITCH

Magnetic proximity SPDT (MS) or DPDT (MD) dry contact hermetically sealed switch NC/NO. Contact will change status when the magnetic cam is applied.

Proximity magnetici sigillati SPDT (MS) o DPDT (MD) con logica NC/NO. Il magnete posto all'interno della camma attiva il proximity che modifica il suo stato NC/NO.



Available with rating 120/250VAC 0,1 - 0,4A - 5A 24VDC 1A - 3A - 5A

Approved to be used for SIL IEC61508 installation

Suitable for low temperature -60°C

MS 81 SPDT magnetic proximity switch

SUITABLE FOR EX I/A

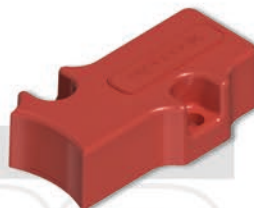


Contact type.....SPDT reed (form C) normally open
Housing material.....Technopolymer
Contact seal.....Hermetically sealed
Temperature range.....-60°C to +105°C
Contact material.....Ruthenium (Ru)
Contact rating.....1A@24VDC - 0,1A@120VAC
Maximum switchin power.....30 W / VA
Switching frequency max.....100 Hz@25°C
Operating time max.....2 ms
Release time max.....2 ms



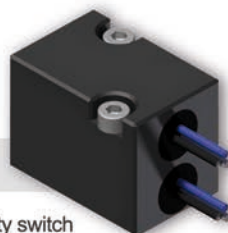
MS 80 SPDT magnetic proximity switch

Contact type.....SPDT reed (form C) normally open
Housing material.....Technopolymer
Contact seal.....Hermetically sealed
Temperature range.....-60°C to +105°C
Contact material.....Tungsten (W)
Contact rating.....3A@24VDC - 0,4A@250VAC
Maximum switchin power.....100 W / VA
Switching frequency max.....100 Hz@25°C
Operating time max.....4,2 ms
Release time max.....4,2 ms



MS 90-91 SPDT magnetic proximity switch

Contact type.....SPDT snap action proximity switch
Contact seal.....Hermetically sealed
Temperature range.....-55°C to +100°C
Minimum switchin power.....1 mA@4VDC
Switching frequency max.....5 Hz@25°C



MS 90

Contact material.....Silver plated
Contact rating.....5A@24VDC - 5A@250VAC

MS 91

Contact material.....Gold plated
Contact rating.....0,1A@24VDC - 0,1A@250VAC



MD 82 DPDT magnetic proximity switch

SUITABLE FOR EX I/A



Contact type.....DPDT reed (form C) normally open
Housing material.....Technopolymer
Contact seal.....Hermetically sealed
Temperature range.....-60°C to +105°C
Contact material.....Ruthenium (Ru)
Contact rating.....1A@24VDC - 0,1A@120VAC
Maximum switchin power.....30 W / VA
Switching frequency max.....100 Hz@25°C
Operating time max.....2 ms
Release time max.....2 ms

MD 95-96 DPDT magnetic proximity switch

Contact type.....DPDT snap action proximity switch
Contact seal.....Hermetically sealed
Temperature range.....-55°C to +100°C
Minimum switchin power.....1 mA@4VDC
Switching frequency max.....5 Hz@25°C

MS 95

Contact material.....Silver plated
Contact rating.....5A@24VDC - 5A@250VAC

MS 96

Contact material.....Gold plated
Contact rating.....0,1A@24VDC - 0,1A@250VAC

Magnetic proximity MS/MD can be used in ATEX or IECEx hazardous area Zone 0,1 and 2. Only Ex ia Intrinsically safe products can enter in Zone 0 (category 1 G-D) with rating limitation at 16V 76mA.

I proximity magnetici MS/MD possono essere utilizzati in area classificata ATEX/IECEx Zona 0,1 e 2. Solo i prodotti certificati Ex ia a sicurezza intrinseca possono essere utilizzati in Zona 0 (cat.1 G-D) con rating limitato a 16V 76 mA.