Safety switches available in non-contact magnetic, non-contact coded magnetic styles

AutomationDirect's safety product offering now includes IDEM safety switches in non-contact magnetic and non-contact coded magnetic styles. These non-contact magnetic safety switches are interlocking devices designed to protect both people and machines.

The MPR series light-duty safety switches are simple magnetic reed switches designed for all small guard applications. Constructed of polyester, the sensor and actuator can be mounted unobtrusively in channels or behind doors. The hygienic screw cap cover ensures suitability for food processing washdown and can withstand being high-pressure hosed at high temperatures. With a wide 12mm sensing range, the series has a high tolerance to misalignment. MPR series safety switches feature two normally-closed and one normally-open circuit and is available with two, five or 10-meter cables. MPR series safety switches start at $69.

The LPR and LMR series medium-duty non-contact magnetic safety switches are available in either plastic or stainless steel housings suitable for all industry applications. The narrow style safety switch allows for flush mounting and features two normally-closed and one normally-open circuit. The LMR series has a 316 stainless steel mirror polished finish and is specifically designed for food processing applications. The LPR and LMR safety switches are available with two, five or 10-meter cables; prices start at $85.

Additional medium-duty non-contact magnetic safety switches include the SPR, SMR, and SMR-F series. The universal housing features a 22mm fixing footprint and a 50mm wide body that withstands environments where high humidity exists or hose down is required. Equipped with two normally-closed and one normally-open circuit, these safety switches provide long life switching capability. The SMR and SMR-F series are specifically designed for food processing applications; the 316 stainless steel mirror polish finish allows for high-pressure washdown at high

temperatures. SPR and SMR safety switches are available with two, five or 10-meter cables, while the SMR-F series is available with a five-meter cable only; prices start at $89.

Heavy-duty non-contact magnetic safety switches include the CPR, CMR, and CMR-F series. These series feature a slim 20mm wide base and can withstand high-pressure washdown at high temperatures. Equipped with one normally-closed and one normally-open circuit, these safety switches will work with most safety relays. With a 316 stainless steel mirror polish finish, the CMR and CMR-F series are specifically designed for food processing applications. CPR and CMR series are available with two, five or 10-meter cables; the CMR-F series is only available with a five-meter cable; prices start at $89.

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