Magnetically Coded: MPC (IDECODE)

FEATURES:

Compact and robust fitting suitable for all small guard applications. LED indication.

Hygienic screw covers ensure suitability for Food Processing washdown. Cost-effective interlock solution.

Wide sensing at 10mm.

High specification polyester housing with integral back plate.

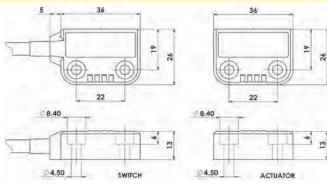
Can be mounted unobtrusively in channels or behind doors.

Left or right cable exit options available.

Up to: PLe ISO13849-1.

2NC 1NO circuits - high switching life - no moving parts.

DIMENSIONS:





Quick Connect M12 versions fitted with 250mm (10") cable



Quick Connect QC M12 8 Way Male Plug Pin view from Switch	Flying Lead Colour	Circuit (Actuator Present)	Output Types Solid State	
8	Orange	Auxiliary NO or NC	200mA Max. 24Vdc	
5	Brown	Auxiliary NO or NC		
4	Yellow	Safety NC2	200mA Max. 24Vdc	
6	Green	Safety NC2		
7	Black	Safety NC1	000 4 Marin 041/4-	
1	White	Safety NC1	200mA Max. 24Vdc	
2	Red	Supply +24Vdc	Supply 24Vdc	
3	Rlue	Supply 0Vdc	+/- 10%	



140101

Female QC Lead Standards:

Female QC Lead

EN60204-1 ISO13849-1 EN62061 UL508

Safety Classification and Reliability Data: ISO13849-1

PFHd Proof Test Interval (Life)

Technical Specification:

Safety Channel 1 NC Safety Channel 2 NC Safety Channel 3 NO Minimum Switched Current Dielectric Withstand Insulation Resistance Recommended Setting Gap Switching Distance (Target to Target) Tolerance to Misalignment

Switching Frequency Approach Speed **Body Material** Operating Temperature Enclosure Protection Shock Resistance Vibration Resistance

Cable Type Mounting Bolts Mounting Position ISO14119 EN60947-5-3

M12 Female 5m. 8 way

M12 Female 10m. 8 way

Up to PLe Category 4 2.6 x 10⁻¹⁰ 20 years 866 years

24Vdc 0.2A Max. Rating 24Vdc 0.2A Max. Rating 24Vdc 0.2A Max. Rating 10Vdc 1mA 250Vac 100 Mohms 5mm Sao 8mm Close

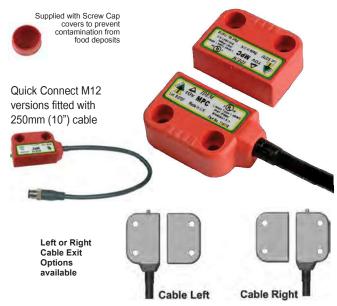
Sar 12mm Open 5mm in any direction from 5mm setting gap 1.0Hz maximum 200mm/min to 1000mm/sec

UL approved polyester -25C +80C IP67

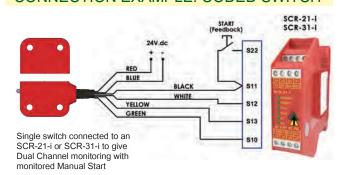
IEC68-2-27 11ms IEC68-2-6 10-55Hz 1mm PVC 6 or 8 core 6mm OD Conductors 0.25mm² 2xM4 Tightening torque 1.0Nm

For all IDEM switches the normally closed (NC) circuits are closed when the guard is closed and the actuator is present.

Coded Magnetic Actuation. Switching Tolerance up to 10mm. Will operate with most Safety Relays.



CONNECTION EXAMPLE: CODED SWITCH



SALES NUMBER	TYPE	CABLE LENGTH	CIRCUITS	
114101	MPC Cable Right	2M	2NC	
114102	MPC Cable Right	5M	2NC	
114103	MPC Cable Right	10M	2NC	
114104	MPC Cable Right	QC-M12*	2NC	
114105	MPC Cable Right	2M	2NC 1NO	
114106	MPC Cable Right	5M	2NC 1NO	
114107	MPC Cable Right	10M	2NC 1NO	
114108	MPC Cable Right	QC-M12*	2NC 1NO	
114117	MPC Cable Right	2M	3NC	
114118	MPC Cable Right	5M	3NC	
114119	MPC Cable Right	10M	3NC	
114120	MPC Cable Right	QC-M12*	3NC	
114109	MPC Cable Left	2M	2NC	
114110	MPC Cable Left	5M	2NC	
114111	MPC Cable Left	10M	2NC	
114112	MPC Cable Left	QC-M12*	2NC	
114113	MPC Cable Left	2M	2NC 1NO	
114114	MPC Cable Left	5M	2NC 1NO	
114115	MPC Cable Left	10M	2NC 1NO	
114116	MPC Cable Left	QC-M12*	2NC 1NO	
114121	MPC Cable Left	2M	3NC	
114122	MPC Cable Left	5M	3NC	
114123	MPC Cable Left	10M	3NC	
114124	MPC Cable Left	QC-M12*	3NC	
*Other QC (Quick Connect) sizes available upon request.				

Note: 2NC 1NO versions have 2NC Safety and 1NO Auxiliary Circuits 3NC versions have 2NC Safety and 1NC Auxiliary Circuits AVAILABLE WITHOUT LED IF REQUIRED.