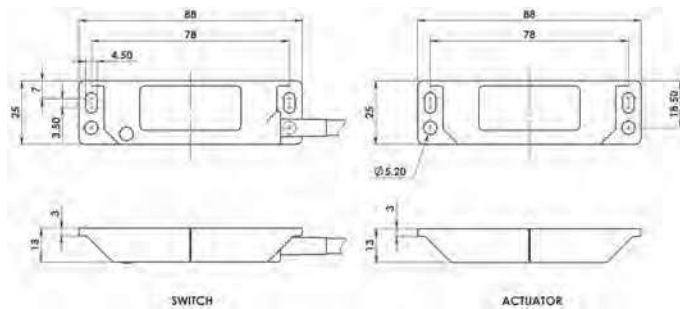


Magnetically Coded: LPC (EUROCODE)

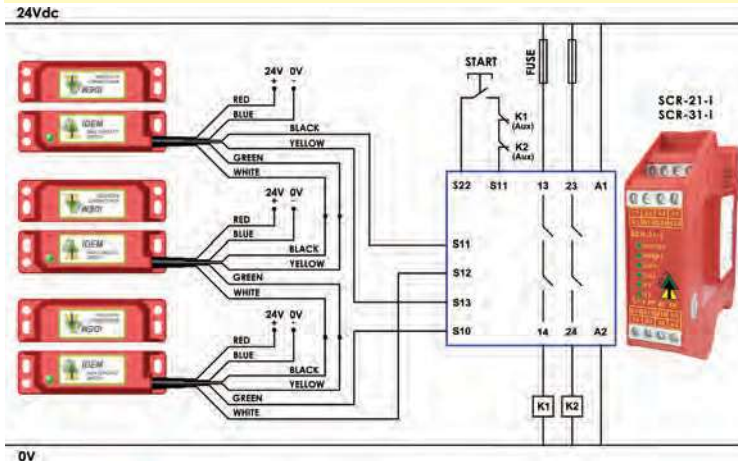
FEATURES:

Popular European fitting suitable for all industry applications.
LED indication.
Can be high pressure hosed at high temperature due to IP69K rating.
Wide sensing at 14mm with high tolerance to misalignment.
High specification polyester housing with integral back plate.
Quick Connect versions available.
Up to: PLe ISO13849-1.
2NC 1NO circuits - high switching life - no moving parts.
Magnet holding option available for use with small guards.

DIMENSIONS:



CONNECTION EXAMPLE: CODED SWITCH



Three switches connected in series to an SCR-21-i or SCR-31-i to give Dual Channel monitoring with monitored Manual Start and Contactor Feedback Check

	140101	Female QC Lead	M12 Female 5m. 8 way
	140102	Female QC Lead	M12 Female 10m. 8 way

Standards: ISO14119 EN60947-5-3
EN60204-1 ISO13849-1 EN62061 UL508

Safety Classification and Reliability Data:

ISO13849-1 Up to PLe Category 4
PFHd 2.6×10^{-10}
Proof Test Interval (Life) 20 years
MTTFd 866 years

Technical Specification:

Safety Channel 1 NC 24Vdc 0.2A Max. Rating
Safety Channel 2 NC 24Vdc 0.2A Max. Rating
Safety Channel 3 NO 24Vdc 0.2A Max. Rating
Minimum Switched Current 10Vdc 1mA
Dielectric Withstand 250Vac
Insulation Resistance 100 Mohms
Recommended Setting Gap 5mm
Switching Distance Sao 10mm Close
(Target to Target) Sar 20mm Open
Tolerance to Misalignment 5mm in any direction from 5mm setting gap
Switching Frequency 1.0Hz maximum
Approach Speed 200mm/min to 1000mm/sec
Body Material UL approved polyester
Operating Temperature -25C +80C
Enclosure Protection IP67
Shock Resistance IEC68-2-27 11ms 30g
Vibration Resistance IEC68-2-6 10-55Hz 1mm
Cable Type PVC 6 or 8 core 6mm OD Conductors 0.25mm²
Mounting Bolts 2xM4 Tightening torque 1.0Nm
Mounting Position Any

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 14mm.
Will operate with most Safety Relays.

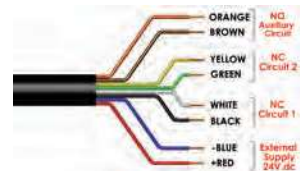


Quick Connect M12 versions fitted with 250mm (10") cable.



Magnetic Holding versions

At 1mm setting gap: 10N
At 5mm setting gap: 5N



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	200mA Max. 24Vdc
4	Yellow	Safety NC2	200mA Max. 24Vdc
6	Green	Safety NC2	200mA Max. 24Vdc
7	Black	Safety NC1	200mA Max. 24Vdc
1	White	Safety NC1	200mA Max. 24Vdc
2	Red	Supply +24Vdc	Supply 24Vdc
3	Blue	Supply 0Vdc	+/- 10%

SALES NUMBER	TYPE	CABLE LENGTH	CIRCUITS
110001	Eurocode LPC	2M	2NC
110002	Eurocode LPC	5M	2NC
110003	Eurocode LPC	10M	2NC
110004	Eurocode LPC	QC-M12	2NC
110005	Eurocode LPC	2M	2NC 1NO
110006	Eurocode LPC	5M	2NC 1NO
110007	Eurocode LPC	10M	2NC 1NO
110008	Eurocode LPC	QC-M12	2NC 1NO
110070	Eurocode LPC	2M	3NC
110071	Eurocode LPC	5M	3NC
110072	Eurocode LPC	10M	3NC
110073	Eurocode LPC	QC-M12	3NC

For Magnetic Holding versions add 10N to Sales Number
Example: LPC 2NC 1NO 5m with Magnetic Holding Order: 110006-10N

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.