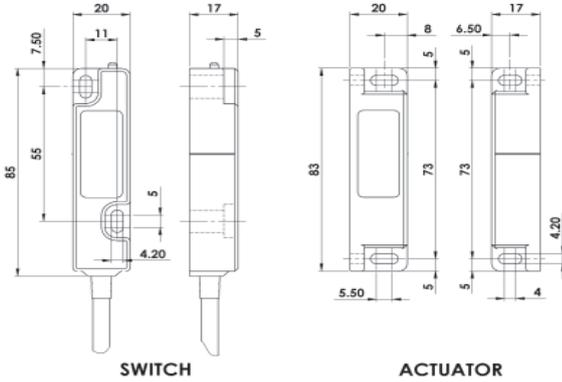


IDECODE - Coded Non Contact Type: CPC

FEATURES:

Designed with a slim fitting making it suitable for all industry applications
 Easy to install within narrow frame constructions
 High specification and durable polyester housing
 Wide 14mm sensing with high tolerance to misalignment
 Up to: PLe ISO13849-1
 2NC 1NO circuits - high switching life - no moving parts
 Quick Connect versions available

DIMENSIONS:



Coded Magnetic Actuation
Switching Tolerance up to 14mm
Will operate with most Safety Relays

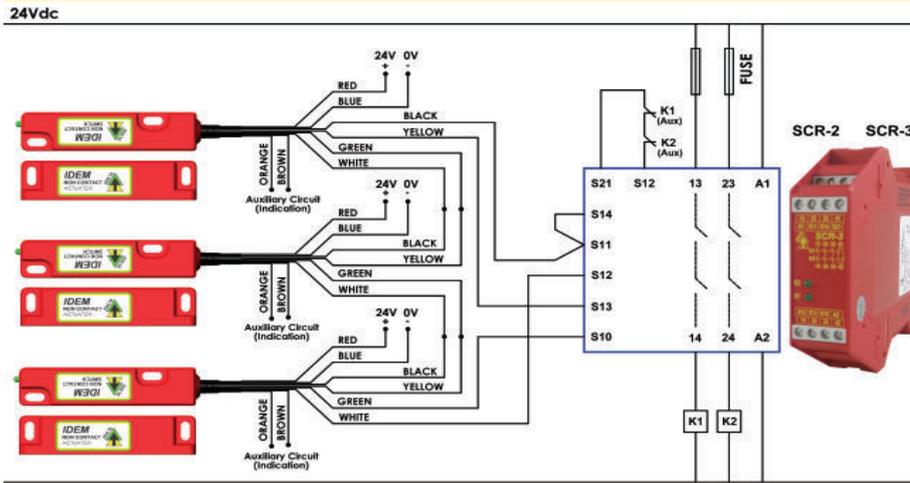


Quick Connect M12 versions fitted with 250mm (10") cable

Three switches connected in series to an SCR-2 or SCR-3 to give Dual Channel monitoring with automatic start and contactor feedback check.

Optional auxiliary circuits provide for remote signalling from each switch.

CONNECTION EXAMPLE: CODED SWITCH



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

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

Safety Classification and Reliability Data:
 ISO13849-1 Up to PLe Category 4
 EN62061 Up to SIL3
 PFHd 8.71×10^{-11}
 Proof Test Interval (Life) 20 years
 MTTFd 866 years
 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 Sar 20mm Open (Target to Target)
 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 IP69K 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.



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

SALES NUMBER	TYPE	CABLE LENGTH	CIRCUITS
115001	Idecode CPC	2M	2NC
115002	Idecode CPC	5M	2NC
115003	Idecode CPC	10M	2NC
115004	Idecode CPC	QC-M12	2NC
115005	Idecode CPC	2M	2NC 1NO
115006	Idecode CPC	5M	2NC 1NO
115007	Idecode CPC	10M	2NC 1NO
115008	Idecode CPC	QC-M12	2NC 1NO

AVAILABLE WITHOUT LED IF REQUIRED.