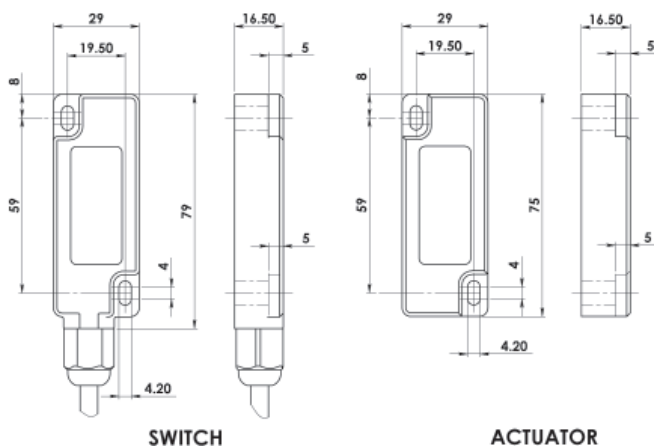


IDECODE - Coded Non Contact Type: WPC

FEATURES:

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

DIMENSIONS:

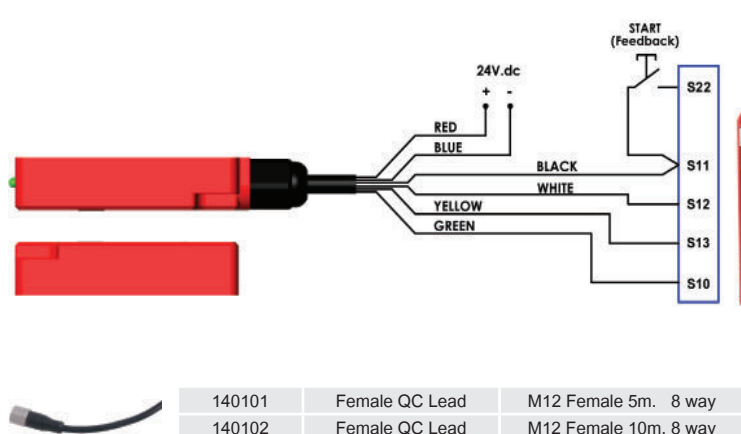


Coded Magnetic Actuation
Switching Tolerance up to 14mm
Will operate with most Safety Relays



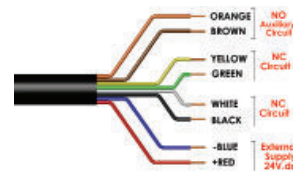
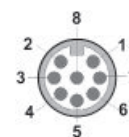
Quick Connect M12
versions fitted with
250mm (10") cable

CONNECTION EXAMPLE: CODED SWITCH



SCR-21-i
SCR-31-i

One switch connected to an SCR-21-i or SCR-31-i to give Dual Channel monitoring with 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 EN60947-5-1 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 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 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 0.25mm ² Mounting Bolts 2xM4 Tightening torque 1.0Nm Mounting Position Any

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	200mA Max. 24Vdc
1	White	Safety NC1	
2	Red	Supply +24Vdc	Supply 24Vdc +/- 10%
3	Blue	Supply 0Vdc	

SALES NUMBER	TYPE	CABLE LENGTH	CIRCUITS
112013	Idecode WPC	2M	2NC
112014	Idecode WPC	5M	2NC
112015	Idecode WPC	10M	2NC
112016	Idecode WPC	QC-M12	2NC
112017	Idecode WPC	2M	2NC 1NO
112018	Idecode WPC	5M	2NC 1NO
112019	Idecode WPC	10M	2NC 1NO
112020	Idecode WPC	QC-M12	2NC 1NO
112105	Idecode WPC	2M	3NC
112106	Idecode WPC	5M	3NC
112107	Idecode WPC	10M	3NC
112108	Idecode WPC	QC-M12	3NC

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

AVAILABLE WITHOUT LED IF REQUIRED.