HYGIECODE - Coded Non Contact Type: MMC-H

FEATURES:

Compact and robust fitting suitable for all small guard applications Through hole fixing to enable front mounting

No food trap areas

Suitable for CIP SIP cleaning -

Food Contact or Splash Zones EHEDG guidelines

LED indication

Cost-effective interlock solution

Wide sensing at 10mm

Can be mounted unobtrusively in channels or behind doors

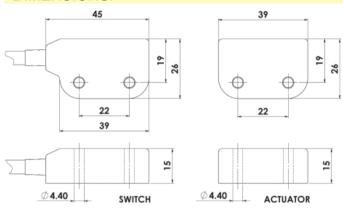
Left or right cable exit options available

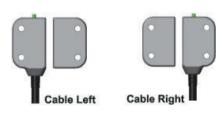
Up to: PLe ISO13849-1

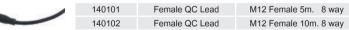
2NC 1NO circuits - high switching life - no moving parts Stainless Steel 316 housing - mirror polished finished to Ra4

DIMENSIONS:

Left or Right Cable Exit Ontions available







Standards: ISO14119 EN60947-5-1

Safety Classification and Reliability Data:

ISO13849-1 EN62061 Proof Test Interval (Life) MTTFd 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

EN60204-1 ISO13849-1 EN62061 UL508 Up to PLe Category 4 Up to SIL3 8.71 x 10⁻¹

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 Stainless Steel 316 Mirror Polished Finish (Ra4)

-25C +105C (CIP SIP cleaning) IP69K IP67

IEC68-2-27 11ms IEC68-2-6 10-55Hz 1mm

Vibration Resistance PVC 6 or 8 core 6mm OD Conductors 0.25mm² Cable Type Mounting Bolts 2xM4 Tightening torque 1.0Nm Mounting Position

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

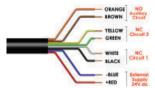


Switching Tolerance up to 10mm Will operate with most Safety Relays





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 +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	
3	Blue	Supply 0Vdc	+/- 10%	

SALES NUMBER	TYPE	CABLE LENGTH	CIRCUITS	
131101	MMC-H Cable Right	2M	2NC	
131102	MMC-H Cable Right	5M	2NC	
131103	MMC-H Cable Right	10M	2NC	
131104	MMC-H Cable Right	QC-M12*	2NC	
131105	MMC-H Cable Right	2M	2NC 1NO	
131106	MMC-H Cable Right	5M	2NC 1NO	
131107	MMC-H Cable Right	10M	2NC 1NO	
131108	MMC-H Cable Right	QC-M12*	2NC 1NO	
131109	MMC-H Cable Right	2M	3NC	
131110	MMC-H Cable Right	5M	3NC	
131111	MMC-H Cable Right	10M	3NC	
131112	MMC-H Cable Left	QC-M12*	3NC	
131113	MMC-H Cable Left	2M	2NC	
131114	MMC-H Cable Left	5M	2NC	
131115	MMC-H Cable Left	10M	2NC	
131116	MMC-H Cable Left	QC-M12*	2NC	
131117	MMC-H Cable Left	2M	2NC 1NO	
131118	MMC-H Cable Left	5M	2NC 1NO	
131119	MMC-H Cable Left	10M	2NC 1NO	
131120	MMC-H Cable Left	QC-M12*	2NC 1NO	
131121	MMC-H Cable Left	2M	3NC	
131122	MMC-H Cable Left	5M	3NC	
131123	MMC-H Cable Left	10M	3NC	
131124	MMC-H 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.