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## **IDEM STAINLESS STEEL IP69K SAFETY INTERLOCK SWITCH KM-SS**

204006PF KM-SS QC M23 12way '3NC' - PF actuator

- Slim fitting suitable for most industrial applications
- Mirror polished surface (Ra10)
- 42mm wide x 118mm long
- IP69K Suitable for food applications
- Provides 8 actuator entry positions





## PRODUCT DESCRIPTION

HYGIECAM Series Interlock Switches have a rugged Stainless Steel 316 body and have been designed to cope with the rigorous applications of the Food Processing, Pharmaceutical, Packaging and Petro-Chemical Industries. The surface finish is mirror polished to Ra10 to resist the accumulation of food debris and is suitable for high pressure hosing at high temperature.

They offer a compact slimline housing which will fit to areas where there are space restrictions and are sealed to IP69K enclosure protection. They can be high pressure hosed with most detergents at high temperature.

They are designed to fit to the leading edge of sliding, hinged or lift off machine guards. They provide a forced disconnect of the safety contacts at the withdrawal of the actuator and have an anti-tamper not easily defeatable mechanism.

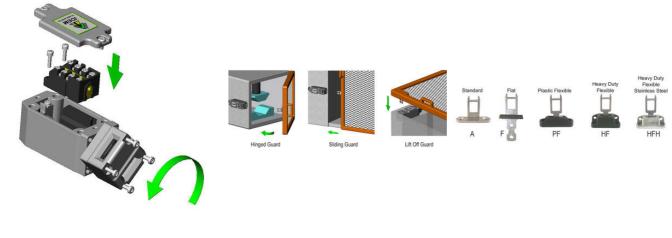
The rotatable heads have dual actuator entry positions to give up to 8 different entry positions.



High holding force versions are available for applications where vibration can be a nuisance.



Actuator	Plastic flexible						
Annual usage	8 cycles per hour/24 hoursa per day/365 days						
Approvals	ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508						
ATEX approved	No						
Conduit entry	M23 12 Pole						
Contacts	3NC						
Head material	Stainless steel 316						
Housing material	Stainless steel 316						
IP class	IP67, IP69K						
Maximum approach / withdrawal speed	600 mm/s						
Mechanical reliability B10d	2.5 x 10 <sup>6</sup> operations at 100mA load						
Mounting	4 x M5						
MTTFd	356 years						
Operating temperature	-2580°C						
PFHd	3.44 x 10 <sup>-8</sup>						
PL	e acc. ISO13849-1						
Rated insulation voltage	500V ac						
SIL	3 acc. EN62061						
Thermal current (Ith)	5 A						
Travel for positive opening	8 mm						
Withstand voltage	2500V ac						











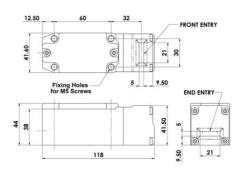


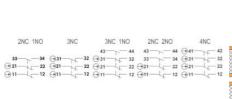


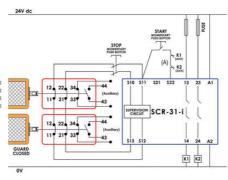


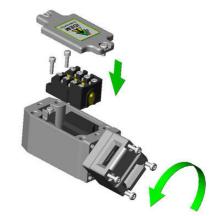








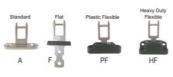










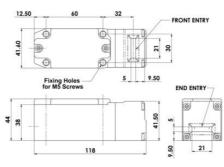












2NC 1NO	3NC	3NC		3NC 1NO			2NC 2NO			4NC		
			43	7	- 44	43-	-	- 44	⊕41-	N	- 42	
33 - 34	⊕31-	-32	⊕31-	4	- 32	33-	-	34	⊕31-	-	- 32	
⊕21———22	⊕21	- 22	⊕21-	4	- 22	<b>⊕21</b> -	4	- 22	⊕21-	4	- 22	
⊕11———12												

