

IDEM STAINLESS STEEL IP69K SAFETY INTERLOCK SWITCH K-SS

208013F

K-SS M20 '4NC' - flat actuator



- Universal fitting - established footprint
- 52mm wide x 99mm long
- Replaceable contact blocks
- Head rotates to give 4 actuator entry points
- Suitable for most general applications



PRODUCT DESCRIPTION

IDEM's HYGIECAM Series of 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.

They have IP69K enclosure protection (maintained by a double seal lid gasket and seals) and can be high pressure hosed with detergent at high pressure and high temperature.

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 mechanism. The head can be rotated to give 4 actuator entry positions. For extra durability, Flexible Actuators are available.

Contact blocks are replaceable with optional explosion proof versions.

They are sealed to IP69K and survive most caustic wash down solutions.

The head can be rotated to give 4 actuator entry positions.



Designed with a removable lid to fit replaceable contact blocks.

For extra durability flexible actuators are available.

TECHNICAL DATA

Actuator	Flat
Annual usage	8 cycles per hour/24 hours per day/365 days
Approvals	ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508
ATEX approved	No
Conduit entry	M20
Contacts	4NC
Head material	Stainless steel 316
Housing material	Stainless steel 316
IP class	IP67, IP69K
Maximum approach / withdrawal speed	600 mm/s
Mechanical reliability B10d	2.5x10 ⁶ operations at 100mA load
Mounting	4 x M5
MTTFd	356 years
Operating temperature	-25..80°C
PFHd	3.44 x 10 ⁻⁸
PL	e acc. ISO13849-1
Rated insulation voltage	500V ac
SIL	3 acc. EN62061
Thermal current (I_{th})	5 A
Travel for positive opening	8 mm
Withstand voltage	2500V ac





