

## KP

KP QC M12 8way '3NC' SS head - HF actuator



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- The image shows a red, rectangular safety interlock switch. It has a robust, industrial design with a handle on top and a mounting bracket on the side. A label on the front provides the following information:
- IDEM** (brand name)
  - SAFETY INTERLOCK SWITCH** (function)
  - KORR4-KP** (model number)
  - AC/DC 24V 5A 0N-10A** (voltage and current ratings)
  - IP67 EN60947-1-1** (protection and standard)
  - EN 10000** (standard)
  - CE** (CE mark)
  - UL 508** (UL mark)
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The head can be rotated to give 4 actuator entry positions. For extra durability, Flexible Actuators and Stainless Steel head versions are available



- Positive Break Contacts to EN60947-5-1
- High Functional Safety to ISO13849-1
- 3 pole, 4 pole or Explosion Proof Contact Blocks
- Stainless Steel Head version available
- Connects to most Safety Relays to give up to PLe Cat.4
- Industry Standard Fitting: 52mm wide 98mm long 40mm fixing

## Specifications

<b>Actuator</b>	Heavy duty flexible
<b>Annual usage</b>	8 cycles per day/24 hours per day/365 days
<b>Approvals</b>	ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508
<b>Atex approved</b>	No
<b>Central Material</b>	Polyester
<b>Conduit entry</b>	M12 8 Pole
<b>Contacts</b>	3NC
<b>Head material</b>	Stainless steel 316
<b>IP Class</b>	IP67
<b>Maximum approach / withdrawal speed</b>	600
<b>Mechanical reliability B10d</b>	2.5 x 10 <sup>6</sup> operations at 100mA load
<b>Mounting</b>	2 x M5
<b>MTTFd</b>	356 years
<b>Operating temperature</b>	-25..80°C
<b>PFHd</b>	3.44 x 10 <sup>-8</sup>
<b>PL</b>	e acc. ISO13849-1
<b>Rated insulation voltage</b>	500V ac
<b>SIL</b>	3 acc. EN62061
<b>Thermal current (Ith)</b>	5
<b>Withstand voltage</b>	2500V ac





