

## IDEM SAFETY LIMIT SWITCHES LSPS-R (PLASTIC BODY WITH RESET)

173001  
 LSPS-R Pin Plunger M20 '2NC 1NO'



- Positive opening safety contacts to IEC60947-5-1
- Lockable head mechanism
- Choice of 8 actuator heads: Linear and Rotary actions.
- Enclosure protection to IP67, suitable for washdown.
- Conduit entries: M20 1/2" NPT or Quick Connect.



### PRODUCT DESCRIPTION

IDEM's LSPS-R range of Plastic Body Safety Limit Switches with Manual Reset are designed to be mounted for position sensing of moving applications, e.g. guard doors, conveyors, machine beds, elevators.

#### Operation

Operation of IDEM Safety Limit Switches is achieved by a sliding actuation of the moving object to cause deflection of the switch plungers, rollers or levers. In addition to the standard LSPS switch they are equipped with a manual reset which needs to be operated after the lock is engaged.

## TECHNICAL DATA

<b>Actuator</b>	Pin Plunger
<b>Annual usage</b>	8 cycles per hour/24 hours per day/365 days
<b>Approvals</b>	ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508
<b>Conduit entry</b>	M20
<b>Contacts</b>	2NC 1NO
<b>Housing material</b>	Glass-filled polyester
<b>Integrated reset button</b>	Yes
<b>IP class</b>	IP67
<b>Mechanical reliability B10d</b>	2.5x10 <sup>6</sup> operations at 100mA load
<b>MTTFd</b>	356 years
<b>Operating temperature</b>	-25C +80C
<b>PFHd</b>	3.44 x 10 <sup>-8</sup>

<b>Rated insulation voltage</b>	300Vac
<b>Thermal current (I<sub>th</sub>)</b>	10 A