

IDEM KLM-P2L LOCKING SWITCH

202022-SS

KLM-P2L 1/2"NPT 24V SS head

- Electric locking
- 8 key entry positions
- LED indicator
- Locking force up to 2000 N
- Completely metal



PRODUCT DESCRIPTION

Locking switch with locking system SAMOCK-KLM-P2L, made of cast metal, with locking force up to 2000N. The switch is completely metal and, as an option, is also available with a head made of stainless steel. The switch has 1 LED, which shows the status of the solenoid. It also has a rotatable head, which provides 8 key entry positions for easy and flexible mounting.

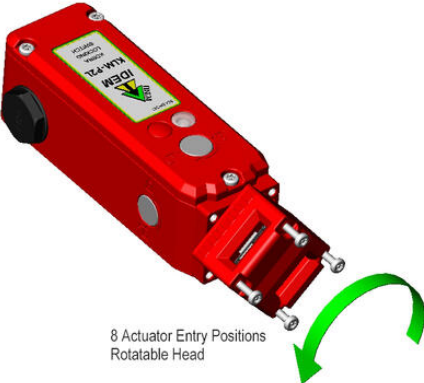
The KLM-P2L breaker has a standard distance between the fixing holes - 30 mm.

The switch is available in the version: voltage locking.

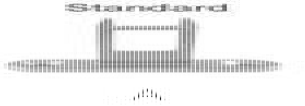
TECHNICAL DATA

| | |
|-------------------------------------|--|
| Actuator | Not included |
| Annual usage | 8 cycles per hour/24 hours per day/365 days |
| Approvals | ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508 |
| Conduit entry | 1/2" NPT |
| Contact type | 2NC safety circuits, 1NC 1NO auxiliary circuits - actuator/door status |
| Contacts | 3NC 1NO |
| Head material | Die cast metal |
| Holding force (F1Max) | 3000 N |
| Housing material | Die cast metal |
| IP class | IP67 |
| LED indication | LED status of solenoid power |
| Maximum approach / withdrawal speed | 600 mm/s |
| Mechanical reliability B10d | 2.5 x 10 ⁶ operations at 100mA load |

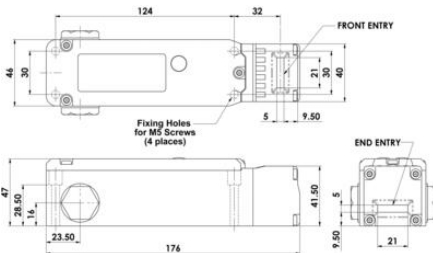
| | |
|-----------------------------|-----------------------|
| Mounting | 4 x M5 |
| MTTFd | 356 years |
| Operating temperature | -25..40°C |
| PFHd | 3.44×10^{-8} |
| PL | e acc. ISO13849-1 |
| Rated insulation voltage | 600V ac |
| SIL | 3 acc. EN62061 |
| Solenoid Voltage | 24V dc |
| Thermal current (Ith) | 5 A |
| Travel for positive opening | 10 mm |
| Utilisation category | AC15, A300, 3 A |
| Withstand voltage | 2500V ac |



8 Actuator Entry Positions
Rotatable Head



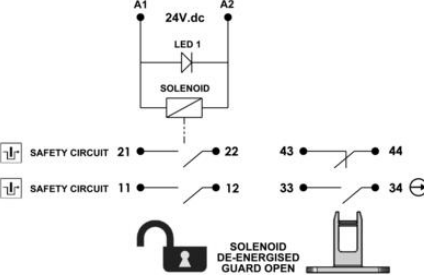
Standard



FRONT ENTRY

Fixing Holes for M5 Screws (6 places)

END ENTRY



A1 24V dc A2

LED 1

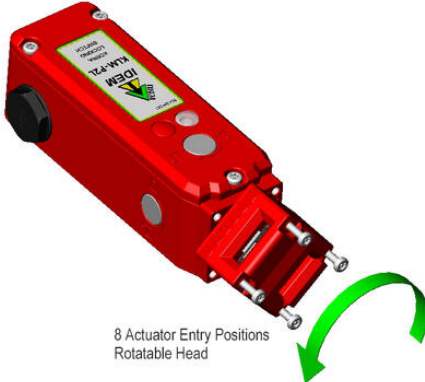
SOLENOID

SAFETY CIRCUIT 21 22 43 44

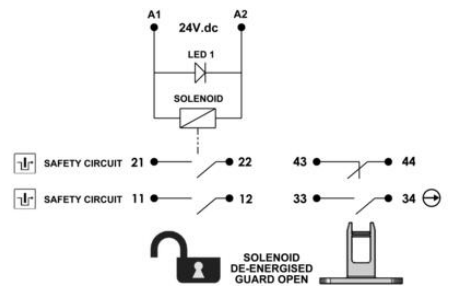
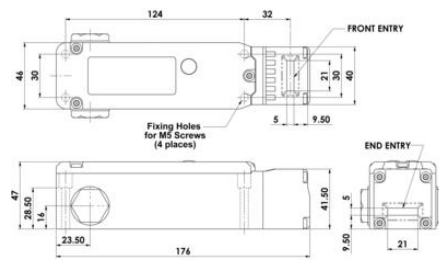
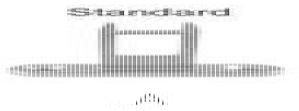
SAFETY CIRCUIT 11 12 33 34

SOLENOID DE-ENERGISED
GUARD OPEN

| | 6.0 | 5.0 | 0mm |
|-------|------|--------------------|-----------------|
| 11/12 | Open | Solenoid Energised | |
| 21/22 | Open | Solenoid Energised | |
| 33/34 | Open | Tongue Inserted | |
| 43/44 | | Open | Tongue Inserted |



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