

OEM Automatic Ltd

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IDEM KLM LOCKING SWITCH

202307F KLM M20 230V (no release) - flat actuator

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





PRODUCT DESCRIPTION

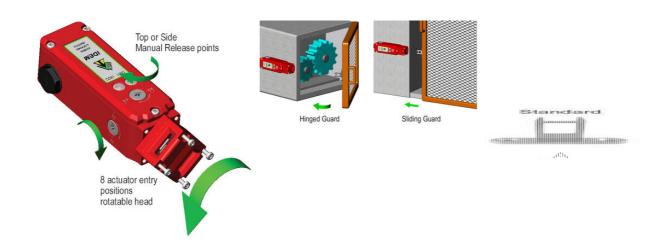
Locking switch with locking system SAMLOCK KLM, made of cast metal, with locking force up to 2000N. The switch is completely metal and, as an option, is also available with a head made of stainless steel. The switch has 2 LEDs that show the status of the solenoid and the state of the blockage. It also has a rotatable head, which provides 8 key entry positions for easy and flexible mounting. The KLM switch has a standard distance between the fixing holes - 30 mm

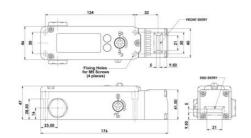
In the event of a voltage drop, the switch can be opened in an emergency without any special keys. The switch is available in the version: voltage release.

TECHNICAL DATA

Actuator	Flat	
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	M20	
Contact type	4NC safety circuits: 2 solenoid/lock, 2 actuator/guard, 1NO auxiliary circuit: for indication of actuator status (guard open), 1NO auxiliary circuit: for lock status (selectable with LED2)	
Contacts	4NC 2NO	
Head material	Die cast metal	
Holding force (F1Max)	3000 N	
Housing material	Die cast metal	
IP class	IP67	
LED supply voltage	24Vdc	
Manual operation	No manual release fitted (blanked)	

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	-2550°C	
PFHd	3.44 x 10 ⁻⁸	
PL	e acc. ISO13849-1	
Rated insulation voltage	600V ac	
SIL	3 acc. EN62061	
Solenoid Voltage	230V ac	
Thermal current (Ith)	5 A	
Travel for positive opening	10 mm	
Utilisation category	AC15, A300, 3 A	
Withstand voltage	2500V ac	





	6.0	5.0 0m
11/12	Open	
21/22	Open	
33/34		Open
43/44	Open	

