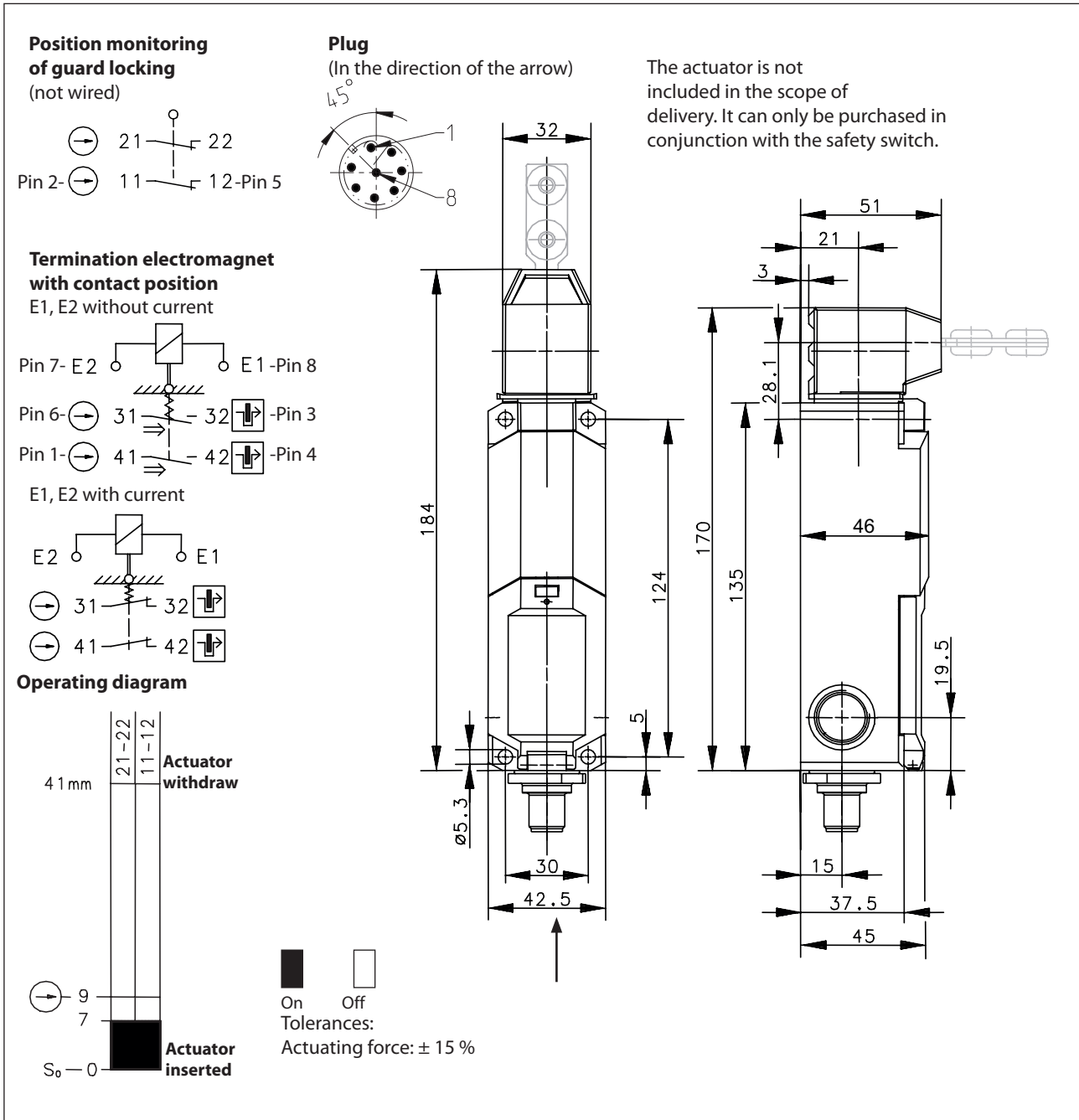


Safety switch

Series SLK – with separate actuator

Description **SLK-M-UC-22-RO-A0-L0-4**

Article number **6018169080**



| Electrical data | |
|---------------------------------|--|
| Protection class | II, totally insulated |
| Contact elements | |
| Rated insulation voltage | U_i 50 V AC |
| Conv. thermal current | I_{the} 2 A |
| Rated operational voltage | U_e 12-27 V AC / 12-32 V DC |
| Utilization category | AC-15, U_e/I_e 24 V / 2 A |
| Direct opening action | ⊕ according to IEC/EN 60947-5-1, Annex K |
| Short-circuit protective device | - |
| Electro magnets | |
| Duty cycle | 100 % ED (at E1; E2) |
| Temperature class | F (155 °C) |
| Inrush power consumption | 12 VA (0,2 s) |
| Permanent power consumption | 4,4 VA |
| Switch operations permanent | 600 / h |
| Operating voltage | 24 V AC / DC |

| Mechanical data | |
|--------------------------|--|
| Enclosure | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Cover | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Actuating head | Thermoplastic, glass fibre reinforced / Zn-GD |
| Actuator | Separate actuator (Steel / PA) |
| Minimum actuating radius | R_{min} see separate actuators data sheet |
| Velocity for actuating | V_{max} 0,5 m/s |
| Extraction force | ≥ 27 N |
| Interlocking principle | Magnetic force |
| Unlocking | Spring force |
| Hold on force | F_{Zh} ≤ 1500 N acc. to GS-ET-19 |
| Ambient air temperature | -25 °C ... +70 °C |
| Contact type | 4 NC |
| Switching principle | 4 slow make and break contact elements |
| Mechanical life | 1 x 10 ⁶ switching cycles (at max. 600 switch operations / h) |
| Assembly | 4 x M5 |
| Connection | M12-Plug, 8-pole, A-coded |
| Weight | ≈ 0,34 kg |
| Installation position | operator definable |
| Protection type | IP67 acc. to IEC/EN 60529 |

| ID for safety engineering | |
|----------------------------------|----------------------------|
| B10d | 2 x 10 ⁶ cycles |

| Actuation |
|---|
| 4 different actuating directions achievable by rotating the actuating head. Changing between horizontal and vertical actuating direction by setting the actuating head in the requested direction. |

| Standards | |
|-----------|--------------------|
| | DIN EN 60947-1 |
| | DIN EN 60947-5-1 |
| | GS-ET-19 |
| | DIN EN ISO 13849-1 |

| EU Conformity | |
|---------------|--|
| | acc. to directive 2006/42/EC (Safety-of-Machinery-Directive) |

| Approvals | |
|-----------|--------------------|
| | DGUV |
| | cCSA _{US} |

| Notes | |
|---|--|
| <p>The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent plug. The switch may not be used as a mechanical stop. In case that power is removed from the solenoid the safety switch will be no longer in a locked position! Operator can open the guard! Attention has to be given to the risks of the machine in this situation!</p> | |