



KRVKOOI_C112

15.12.2021

Emergency-stop with 5-pole M12 connector



| General Data | |
|------------------------------|--|
| Type reference | KRVKOOI_C112 |
| Description | Emergency-stop, foolproof with integrated M12 connector |
| Approvals | CE, UKCA |
| Contact type | 2 NC + 1 NO |
| Degree of protection | IP65 (in the front, on the rear with plugged-in M12 connector) |
| Connection type | 5-pole M12 connector (integrated), A coded, AIDA |
| Contact material | AgNi |
| Max. storage temperature | -40°C 80°C |
| Max. operating temperature | -25°C 70°C |
| Mechanical life | 50,000 switching cycles |
| Electrical life (rated load) | 50,000 switching cycles at rated load |
| Contact resistance NO | < 50 mOhm (AgNi) / < 70 mOhm (Au), delivery state |
| Contact resistance NC | < 50 mOhm (AgNi) / < 70 mOhm (Au), delivery state |
| Bouncing time NO | < 10ms |
| Bouncing time NC | < 10ms |
| Positive opening contact | acc. to EN60947-5-1,appendix K |

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

| | alternate current | direct current |
|-----------------------------|-------------------|----------------|
| Utilisation category | AC15 | DC13 |
| Rated insulation voltage Ui | 50 V | 50 V |
| Rated operating voltage Ue | 35 V | 35 V |
| Rated operating current le | 2 A | 2 A |
| Breaking capacity | 10le | 1,1le |
| Continuous thermal current | 2 A | 2 A |

Additional data

Mounting aperture

Tightening torque (mounting nut)

1,2 ... 2,0 Nm (mounting nut: M36.452.4)

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30.5mm







| Release | twist release, left or right |
|-----------------------------------|--|
| Mounting position | any |
| Standards | EN 60947-5-1, EN 60947-5-5, EN ISO 13850 |
| Tightening torque (M12-connector) | max. 0.4 Nm |
| Ld | 20% (NC) |
| B10d [cycles] | 350.000 |
| Material group | 1 |
| Overvoltage category | II |
| Pollution degree | 2 |
| Operating force | approx. 1520 N (at 20 mm/min) |

Note

O = NC contact; I = NO contact - with switching position indicator

Pin assignment: Pin 1 Pin 2 Pin 3 Pin 4 Pin5 Type NC(11) NC(21) NO(31) NC(12) COM(NC22, NO32) 2 NC+1NO (AIDA)

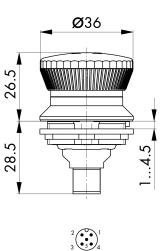
Safety instructions / mounting instructions

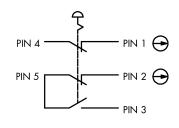
- the connector must not be connected or disconnected under load

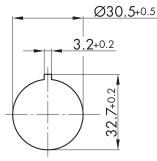
the single connector pin may be loaded with max. 2 A
not suitable for use under water

- when used outdoors, the M12 connections must be protected against corrosion separately









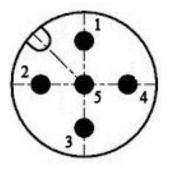
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