DCC 08 M 2.5 NOLK Inductive Proximity Switch



- Cable, highly flexible
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED





Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



| Operating principleInductiveEvaluationdigitalSizeM8 x 1 (thread)DesignscrewMountingnon-flushCharacteristicsincreased operating distanceOperating distance2,5 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mASwitching outputnpn, 200 mA, NCSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,4 VSwitching frequency3000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialstanless steelMaterialPVC (Cable)CampactingCable 3.0 m | TECHNICAL INFORMATION (typ.) | +20°C, 24V DC |
|---|--------------------------------|------------------------------|
| SizeM8 x 1 (thread)DesignscrewMountingnon-flushCharacteristicsincreased operating distanceOperating distance2,5 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA | Operating principle | Inductive |
| DesignscrewMountingnon-flushCharacteristicsincreased operating distanceOperating distance2,5 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA | Evaluation | digital |
| Mountingnon-flushCharacteristicsincreased operating distanceOperating distance2,5 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA | Size | M8 x 1 (thread) |
| Characteristicsincreased operating distanceOperating distance2,5 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA | Design | screw |
| Operating distance2,5 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA | Mounting | non-flush |
| Standardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA | Characteristics | increased operating distance |
| Service voltage10 30 V DCNo-load current< 10 mA | Operating distance | 2,5 mm |
| No-load current< 10 mASwitching outputnpn, 200 mA, NCSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,4 V | Standardized measuring plate | 8 x 8 x 1 mm |
| Switching outputnpn, 200 mA, NCSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,4 V | Service voltage | 10 30 V DC |
| Switching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,4 V | No-load current | < 10 mA |
| Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,4 V | Switching output | npn, 200 mA, NC |
| Voltage drop< 2,4 VSwitching frequency3000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialstainless steelMaterialPVC (Cable) | Switching hysteresis | 5 % |
| Switching frequency3000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialstainless steelMaterialPVC (Cable) | Shock-/vibration load | 10 55 Hz / 1,0 mm / 30 g |
| Ambient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialstainless steelMaterialPVC (Cable) | Voltage drop | < 2,4 V |
| Insulation voltage endurance500 VProtection classIP 67Casing materialstainless steelMaterialPVC (Cable) | Switching frequency | 3000 Hz |
| Protection classIP 67Casing materialstainless steelMaterialPVC (Cable) | Ambient temperature, operation | -25 +70 °C |
| Casing materialstainless steelMaterialPVC (Cable) | Insulation voltage endurance | 500 V |
| Material PVC (Cable) | Protection class | IP 67 |
| | Casing material | stainless steel |
| Connection Coble 2.0 m | Material | PVC (Cable) |
| | Connection | Cable, 2,0 m |