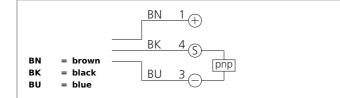
DCCQ 08 M 02 POLK Inductive Proximity Switch



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

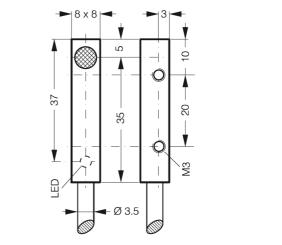




Safety instructions

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 principleInductiveEvaluationdigitalSize8 x 8 x 40 mm (Dimensions)Designcuboid designMountingflushCharacteristicsincreased operating distanceOperating distance2 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mASwitching outputpnp, 200 mA, NCSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 VSwitching frequency3000 HzAmbient temperature, operation500 VProtection class10 PGCasing materialbrass nickel platedMaterialPVC (Cable)ConnectionCable, 2,0 m	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Size8 x 8 x 40 mm (Dimensions)Designcuboid designMountingflushCharacteristicsincreased operating distanceOperating distance2 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Operating principle	Inductive
Designcuboid designMountingflushCharacteristicsincreased operating distanceOperating distance2 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Evaluation	digital
MountingflushCharacteristicsincreased operating distanceOperating distance2 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Size	8 x 8 x 40 mm (Dimensions)
Characteristicsincreased operating distanceOperating distance2 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Design	cuboid design
Operating distance2 mmStandardized measuring plate8 x 8 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Mounting	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 mm
No-load current< 10 mASwitching outputpnp, 200 mA, NCSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	Standardized measuring plate	8 x 8 x 1 mm
Switching outputpnp, 200 mA, NCSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	Service voltage	10 30 V DC
Switching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	No-load current	< 10 mA
Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	Switching output	pnp, 200 mA, NC
Voltage drop< 2,0 VSwitching frequency3000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Switching hysteresis	5 %
Switching frequency3000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Shock-/vibration load	10 55 Hz / 1,0 mm / 30 g
Ambient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Voltage drop	< 2,0 V
Insulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Switching frequency	3000 Hz
Protection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Ambient temperature, operation	-25 +70 °C
Casing material brass nickel plated Material PVC (Cable)	Insulation voltage endurance	500 V
Material PVC (Cable)	Protection class	IP 67
	Casing material	brass nickel plated
Connection Cable, 2,0 m	Material	PVC (Cable)
	Connection	Cable, 2,0 m