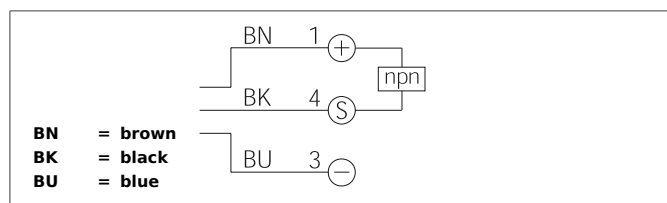


## KDCR 16 K 08S NSK-K-TSL Capacitive Proximity Switch

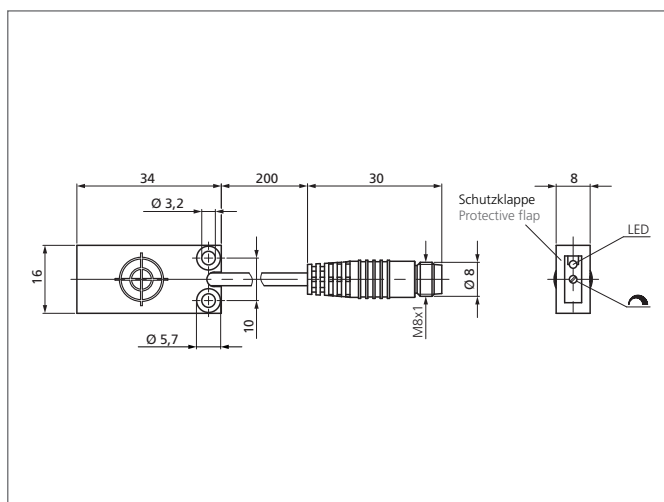
- Detection of electrically conductive and non-conductive materials
- Detection of liquids, powdery and solid materials
- Detection possible even through containers and packages
- With mounting frame for universal fastening to hoses
- Adjustable sensitivity/self-compensating
- Cable, highly flexible
- Metal plug
- 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.



TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Operating principle	Capacitive
Evaluation	digital
Size	34 x 16 x 8 mm (Dimensions)
Design	cuboid design
Mounting	non-flush
Operating distance	8 mm
Service voltage	12 ... 30 V DC
Internal power consumption	< 10 mA
Sensitivity adjustment	Potentiometer + self-compensating
Switching output	npn, 50 mA, NO
Voltage drop	< 1,5 V
Switching frequency	2 Hz
Ambient temperature	-30 ... +70 °C
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	plastics (polypropylene - PP)
Connection	Connector, M8, 3-poled
Scope of delivery	mini-screwdriver, mounting frame, cover plate