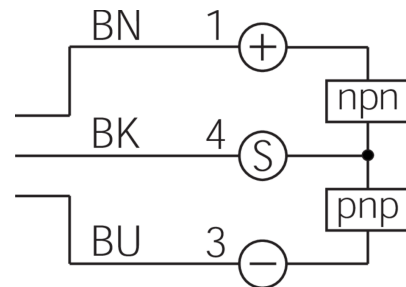
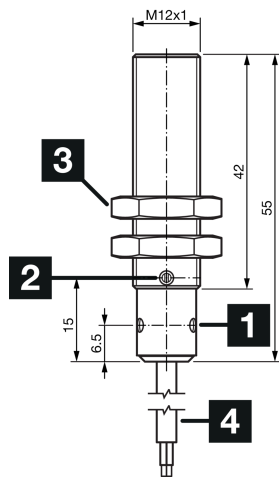
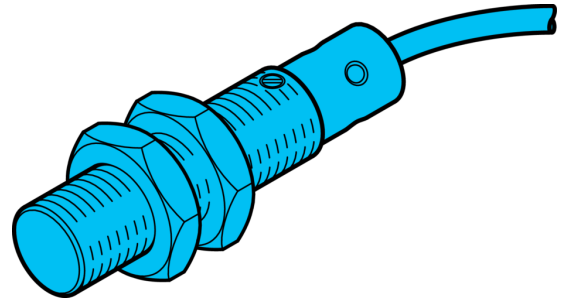




210635
KNS M12M 04B G3-2R
Capacitive proximity switch

- Large operating distance
- Detection of liquids, powdery and solid materials
- Detecting metal and non-metal parts
- Detection possible even through containers and packaging
- Sensitivity is adjustable via multi-turn potentiometer
- NO/NC, switchable
- Push-pull output pnp + npn
- Stainless steel housing



1) LED 4 x 90° (yellow)
 2) sensitivity

3) Width over flats 17 mm
 4) Connection cable

BK: black

BN: brown

BU: blue

Function

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Technical data (typ.)

+20°C, 24 V DC

Service voltage	18 ... 30 V DC
No-load current (max.)	15 mA (24 V DC)
Insulation voltage endurance	500 V
Installation type	Flush
Thread	M12 x 1
Housing length	55 mm
Housing material	Stainless steel
Material	PBT (Sensor probe)
Protection class	III, operation on protective low voltage
Operating principle	Capacitive
Design	Thread
Scope of delivery	Setting tool
Switching output	Push-pull, 100 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Switching distance (SN)	4 mm (0.1 to 8 mm adjustable)
Standardized measuring plate	12 x 12 x 1 mm
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer (12-turn)
Display	LED yellow - Output signal
Switching frequency	100 Hz



210635

KNS M12M 04B G3-2R

Capacitive proximity switch

Technical data (typ.)

+20°C, 24 V DC

Readiness delay (max.)

300 ms

Shock/vibration load

30 g, 10 ... 55 Hz / 0.5 mm

Ambient temperature during operation

-20 ... +70 °C

Protection type

IP 65 / IP 67

Connection

Cable, 2.0 m, 3-pin

More information / accessories

<https://www.di-soric.com/210635>