

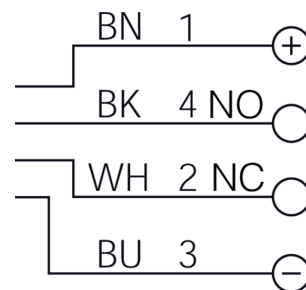
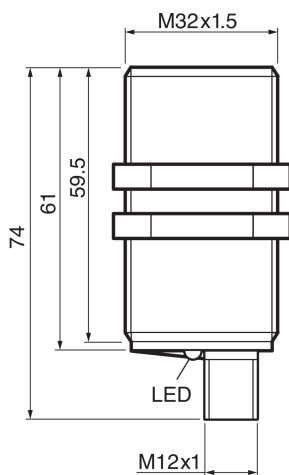


214836

KNS-M32/74V-B16G3-B4

Capacitive proximity sensor

- Resists static discharges up to 40 kV
- Large operating distance
- Increased voltage range of 10 ... 40 V DC
- Temperature-resistant sensor surface up to 120°C
- Metal casing



BK: black

BN: brown

BU: blue

WH: white

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 40 V DC
No-load current (max.)	< 20 mA

Mechanical features

Installation type	Flush
Thread	M32 x 1,5
Housing length	61 mm
Housing material	Stainless steel (AISI316L)
Weight	200 g
Tightening torque	30 Nm (max.)

Certifications, approvals

Protection class	III, operation on protective low voltage
------------------	--

General features

Operating principle	Capacitive
Design	Thread

Functional scope

Scope of delivery	Sensor, 2 x Mutter M32, Setting tool
-------------------	--------------------------------------



214836
KNS-M32/74V-B16G3-B4
Capacitive proximity sensor

Technical data (typ.)

+20°C, 24 V DC

Output, input, interface

Switching output	Push-pull, 200 mA, NO/NC, antivalent
Voltage drop (max.)	1 V (200 mA)
Interface	No

Detection range, measuring range, tolerance limits

Switching distance (SN)	16 mm (0 ... 16 mm adjustable)
Standardized measuring plate	24 x 24 x 1 mm
Switching hysteresis (max.)	< 8 %

Time behavior

Switching frequency (factory setting)	50 Hz
---------------------------------------	-------

Ambient conditions

Ambient temperature during operation	-30 ... +85 °C
Ambient temperature storage	-40 ... +85 °C
Ambient humidity operation	35 ... 95 %
Ambient humidity storage	35 ... 95 %
Protection type	IP 67

Electrical connection

Connection	Connector, M12, 4-pin, A-coded
------------	--------------------------------

More information / accessories

<https://www.di-soric.com/214836>