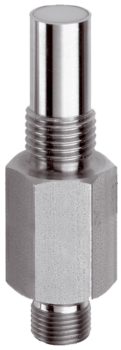
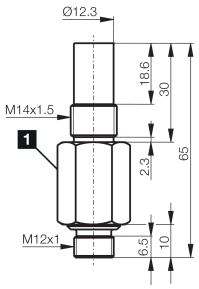
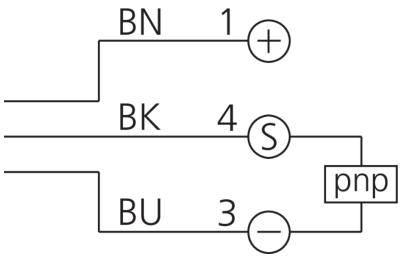
200315
DCC 14 V 03 PSK 500-IBS
Inductive proximity sensor

- High-pressure resistant version up to 500 bar
- Stainless steel housing
- Sensing surface ZrO2-ceramic
- Metal connector
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression







1) Width over flats 19 mm

BK: black BN: brown BU: blue

Function

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 … 30 V DC
Internal power consumption	< 10 mA
Insulation voltage endurance	According to IEC 60947-5-2 (7.2.3.1)
Installation type	Flush
Thread	M14 x 1.5
Housing length	65 mm
Housing material	Stainless steel / ZrO2 ceramic
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	< 500 bar, high-pressure resistant
Product series	INP High-pressure resistant
Switching output	pnp, 200 mA, NO
Voltage drop (max.)	2 V
Switching distance (SN)	3 mm
Standardized measuring plate	14 x 14 x 1 mm
Switching hysteresis (max.)	< 10 %
Switching frequency	500 Hz
Shock/vibration load	30 g, 11 ms / 10 … 55 Hz, 1.0 mm
Ambient temperature during operation	-25 … +80 °C
Protection type	IP 68
Connection	Connector, M12, 3-pin, A-coded
Connection cable	VK …

More information / accessories	https://www.di-soric.com/200315

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