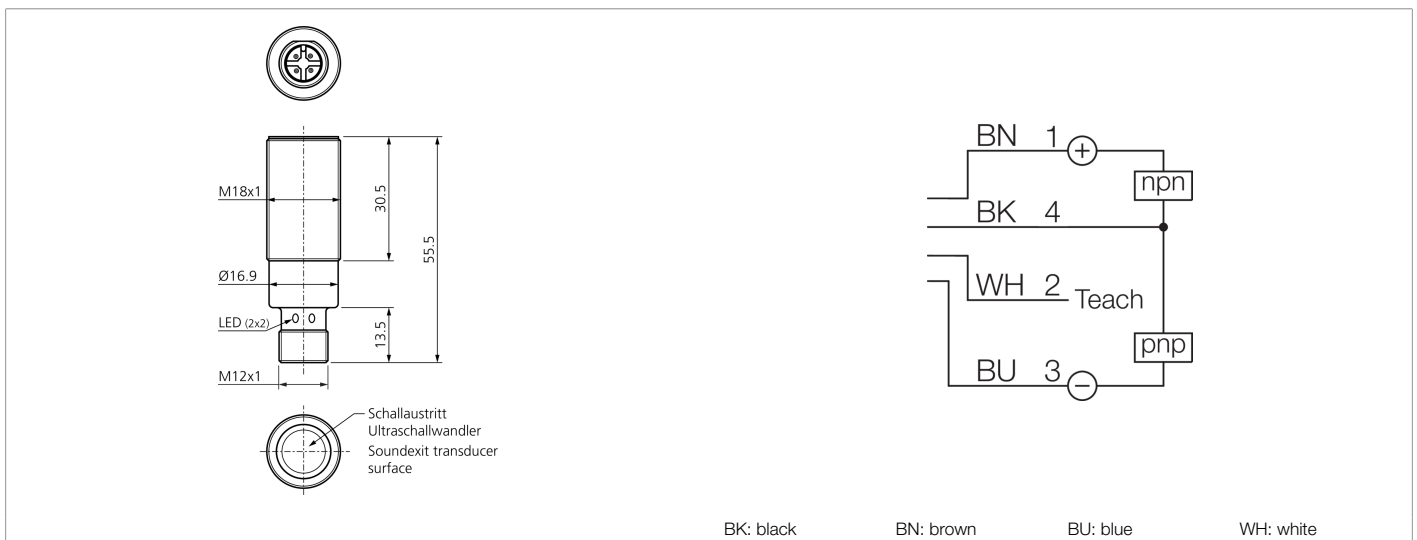




213062
US 18 M 800 G3-B4
Ultrasonic sensor

- IO-Link
- Configurable as an ultrasonic sensor or barrier
- 3 different teach modes
- Working range adjustable
- Very narrow detection beam / small blind zone
- Switching functions: Closer/opener, window function teachable
- Resistant to dirt
- Small design
- Robust metal housing
- Protection class IP 67



Function													

Technical data (typ.)	+20°C, 24 V DC
Service voltage	18 ... 30 V DC
No-load current (max.)	40 mA (24 V DC)
Inverse polarity protection	Yes
Short-circuit protection	Yes
Insulation voltage endurance	500 V
Housing dimensions	M18 x 55 mm
Thread	M18 x 1
Transmission exit	axial
Assembly distance (sensor to sensor)	550 mm
Housing material	Brass (nickel-plated)
Material	Epoxy resin, PUR (Transducer surface)
Weight	30 g
Protection class	III, operation on protective low voltage
Operating principle	Ultrasonic sensor, Ultrasonic barrier
Evaluation	digital
Design	Thread
Characteristics	IO-Link
Scope of delivery	Sensor, 2 x M18 nuts
Functions	Teach (Pin 2), Out 1, IO-Link (Pin 4)
Switching output	Push-pull, 150 mA, NO/NC, switchable



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US 18 M 800 G3-B4
Ultrasonic sensor

Technical data (typ.)	+20°C, 24 V DC
Max. switch current	150 mA
Voltage drop (max.)	2,0 V
Interface	V1.1, COM2 (38.4kBd) Smart Sensor Profile
Nominal switching distance (Sn)	800 mm
Range	80 ... 800 mm
Adjustment range	80 ... 800 mm (Teach in)
Resolution	1,0 mm ((IO-Link))
Standardized measuring plate	200 x 200 mm
Switching hysteresis (max.)	2 ... 20 mm (Adjustable up to 20 mm via IO-Link)
Reproducibility	< 1 mm
Sensitivity adjustment	Remote teach
Display	LED 1x Green - Status, 1x yellow - Switching output
Switching frequency	400 kHz
Switching frequency	< 5,0 Hz
Readiness delay (max.)	300 ms
Ambient temperature during operation	-25 ... +70 °C
Temperature drift	0,2 %/K (compensated)
Temperature drift	< 1 %/Sn (compensated)
Protection type	IP 67
Connection	Connector, M12, 4-pin
Connection cable	VKHM ... /4
More information / accessories	https://www.di-soric.com/213062