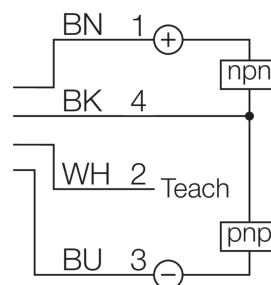


Ultrasonic sensor

-
- Technical drawing of the LED light fixture showing dimensions and components:
- Top diameter: $\varnothing 5.2$
 - Sound exit diameter: $\varnothing 3.2$ Schallaustritt / Sound exit
 - Body diameter: $\varnothing 14$
 - SW17 switch
 - Mounting hole: M12x1
 - Base diameter: $\varnothing 10.5$
 - LED (4x)
 - Base mounting hole: M12x1
 - Dimensions: 84, 49, 23, 8, 11.5



WH: white

[illegible]

+20°C, 24 V DC

(2)


212879
US 12 M 150 FB G3-B4
Ultrasonic sensor

Technical data (typ.)	+20°C, 24 V DC
Functions	Teach (Pin 2), Out 1, IO-Link (Pin 4)
Switching output	Push-pull, 150 mA, NO/NC, switchable
Max. switch current	150 mA
Voltage drop (max.)	2 V
Interface	IO-Link (V1.1, COM2 38.4 kBd, Smart Sensor Profile)
Nominal switching distance (Sn)	150 mm
Range	0 ... 150 mm
Adjustment range	0 ... 150 mm (Teach in)
Resolution	1.0 mm
Standardized measuring plate	20 x 20 mm
Switching hysteresis (max.)	2 ... 20 mm (Adjustable by IO-Link)
Reproducibility	< 0.5 mm
Sensitivity adjustment	Remote teach
Display	LED 1x Green - Status, 1x yellow - Switching output
Ultrasonic frequency	400 kHz
Switching frequency	20 Hz
Readiness delay (max.)	300 ms
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation	-25 ... +70 °C
Temperature drift	0.2 %/K (uncompensated)
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/212879