

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

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WTB27-3P2411

W27-3

PRODUCT PORTFOLIO





Illustration may differ



#### Ordering information

Туре	Part no.
WTB27-3P2411	1025994

Other models and accessories → www.sick.com/W27-3

#### Detailed technical data

#### **Features**

Sensor/ detection principle	Photoelectric proximity sensor, Background suppression
Dimensions (W x H x D)	24.6 mm x 80.6 mm x 54 mm
Housing design (light emission)	Rectangular
Sensing range max.	30 mm 1,600 mm <sup>1)</sup>
Sensing range	100 mm 1,600 mm
Type of light	Infrared light
Light source	LED <sup>2)</sup>
Light spot size (distance)	Ø 25 mm (800 mm)
Wave length	880 nm
Adjustment	PotentiometerPotentiometer

 $<sup>^{1)}</sup>$  Object with 90 % reflectance (referred to standard white, DIN 5033).

#### Mechanics/electronics

Supply voltage	10 V DC 30 V DC <sup>1)</sup>
Ripple	$\leq$ 5 $V_{pp}^{2}$

 $<sup>^{1)}</sup>$  Limit values when operated in short-circuit protected network: max. 8 A.

 $<sup>^{2)}</sup>$  Average service life: 100,000 h at  $T_{U}$  = +25 °C.

 $<sup>^{2)}\,\</sup>mbox{May}$  not exceed or fall below  $\mbox{U}_{\mbox{\scriptsize V}}$  tolerances.

<sup>3)</sup> Without load.

<sup>&</sup>lt;sup>4)</sup> Signal transit time with resistive load.

<sup>&</sup>lt;sup>5)</sup> With light/dark ratio 1:1.

 $<sup>^{6)}</sup>$  A = V<sub>S</sub> connections reverse-polarity protected.

 $<sup>^{7)}</sup>$  B = inputs and output reverse-polarity protected.

 $<sup>^{8)}</sup>$  C = interference suppression.

<sup>9)</sup> Reference voltage: 50 V DC.

Power consumption	$\leq$ 40 mA $^{3)}$
Switching output	PNP
Output function	Complementary
Switching mode	Light/dark switching
Signal voltage PNP HIGH/LOW	Approx. V <sub>S</sub> – 2.5 V / 0 V
Output current I <sub>max.</sub>	≤ 100 mA
Response time	≤ 1.5 ms <sup>4)</sup>
Switching frequency	350 Hz <sup>5)</sup>
Connection type	Male connector M12, 4-pin
Circuit protection	A <sup>6)</sup> B <sup>7)</sup> C <sup>8)</sup>
Protection class	II <sup>9)</sup>
Weight	100 g
Housing material	Plastic, ABS
Optics material	Plastic, PMMA
Enclosure rating	IP69K
Ambient operating temperature	-40 °C +60 °C
Ambient storage temperature	-40 °C +75 °C
UL File No.	NRKH.E181493 & NRKH7.E181493

 $<sup>^{1)}</sup>$  Limit values when operated in short-circuit protected network: max. 8 A.

#### Classifications

ECI@ss 5.0	27270904
ECI@ss 5.1.4	27270904
ECI@ss 6.0	27270904
ECI@ss 6.2	27270904
ECI@ss 7.0	27270904
ECI@ss 8.0	27270904
ECI@ss 8.1	27270904
ECI@ss 9.0	27270904
ETIM 5.0	EC002719
ETIM 6.0	EC002719
UNSPSC 16.0901	39121528

 $<sup>^{2)}\,\</sup>mbox{May}$  not exceed or fall below  $\mbox{U}_{\mbox{\scriptsize V}}$  tolerances.

<sup>3)</sup> Without load.

<sup>&</sup>lt;sup>4)</sup> Signal transit time with resistive load.

<sup>5)</sup> With light/dark ratio 1:1.

 $<sup>^{6)}</sup>$  A = V<sub>S</sub> connections reverse-polarity protected.

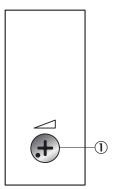
<sup>&</sup>lt;sup>7)</sup> B = inputs and output reverse-polarity protected.

<sup>8)</sup> C = interference suppression.

<sup>9)</sup> Reference voltage: 50 V DC.

### Adjustments possible

#### Potentiometer

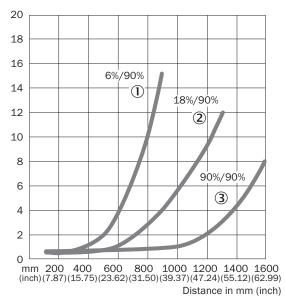


① Potentiometer

# Connection diagram

#### Characteristic curve

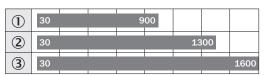
#### WTB27-3, infrared



- $\ \, \textcircled{1}$  Sensing range on black, 6% remission
- ② Sensing range on gray, 18 % remission
- ③ Sensing range on white, 90% remission

#### Sensing range diagram

#### WTB27-3, infrared



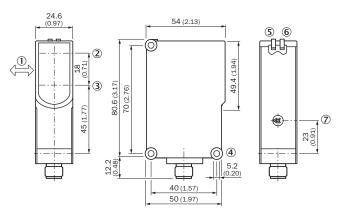
0 200 400 600 800 1000 1200 1400 1600 (7.87)(15.75)(23.62)(31.50)(39.37)(47.24)(55.12)(62.99)

Distance in mm (inch)

- Sensing range
- ① Sensing range on black, 6% remission
- $\ \ \, \mbox{\Large @}$  Sensing range on gray, 18 % remission
- 3 Sensing range on white, 90% remission

#### Dimensional drawing (Dimensions in mm (inch))

#### WTB27-3, potentiometer



- ${ \ \, )\hspace{-0.8em} }$  Standard direction of the material being detected
- ② Optical axis, sender
- ③ Optical axis, receiver
- 4 Mounting hole ø 5.2 mm
- (5) LED indicator green: Supply voltage active
- 6 LED indicator yellow: Status of received light beam
- Sensing range adjustment: potentiometer

#### Recommended accessories

Other models and accessories → www.sick.com/W27-3

	Brief description	Туре	Part no.
Universal bar	clamp systems		
	Plate N04 for universal clamp, steel, Zinc plated steel (sheet), Zinc die cast (clamping bracket), Universal clamp (5322626), mounting hardware	BEF-KHS-N04	2051610

Device protection (mechanical)  Protective housing for universal clamp, Zinc plated steel (protective housing), Zinc die cast (clamping bracket), Universal clamp (2031357), mounting hardware included  Weather hood for universal clamp bracket, steel, zinc coated, mounting hardware included  Weather hood for universal clamp bracket, steel, zinc coated, mounting hardware included  Mounting brackets and plates  Mounting bracket with articulated arm for W11.2, W27, Dx50, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  BEF-WN-W27 2009122  Plug connectors and cables  Head A: female connector, M12, 4-pin, straight, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, straight, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, straight, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A coaded Head B: pon cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5		Brief description	Туре	Part no.
cost (clamping bracket), Universal clamp (2031357), mounting hardware included  Weather hood for universal clamp bracket, steel, zinc coated, mounting hardware included  Mounting bracket with articulated arm for W11-2, W27, Dx50, steel, zinc coated, mounting hardware included  Mounting bracket with articulated arm for W11-2, W27, Dx50, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm steel, zinc coated, mounting hardware included  Y22A14-020UB3XLEAX 2095607  Mead A: female connector, M12, 4-pin, straight, A-coded  Head B: pen cable ends  Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded  Head B: pen cable ends  Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded  Head B: pen cable ends  Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded  Head B: pen cable ends  Cab	Device protect	tion (mechanical)		
Mounting brackets and plates  Mounting brackets with articulated arm for W11-2, W27, Dx50, steel, zinc coated, mounting hardware included ing hardware included my steel, zinc coated, mounting hardware included my steel, zinc coated, my steel, zinc coated, mounting hardware included my steel, zinc coated, mounting hardware included my steel, zinc coated, zinc coated, zinc zinc zinc zinc zinc zinc zinc zinc	1		BEF-SG-W27	2039601
Mounting bracket with articulated arm for W11-2, W27, Dx50, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  BEF-WN-W27  2009122  Plug connectors and cables  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, halogen-free, unshielded, 2 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, halogen-free, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, halogen-free, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, halogen-free, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, be with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, be with LED, A-coded Head B: open	H	•	OBW-KHS-M01	2023240
Ing hardware included  Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included  BEF-WN-W27 2009122  Plug connectors and cables  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends  Head A: female connector, M12, 4-pin, straight, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, straight, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, straight, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, straight, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, straight, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, straight, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, straight, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, angled, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, angled, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, angled, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, angled, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, angled, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, angled, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, angled, A-coded Head B: pen cable ends  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: pen cable ends  Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: pen cable ends  Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: pen cable ends  Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: pen cable ends  Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: pen cable ends  Cable: unshielded  Head A: female connector, M12, 4-pin, angled	Mounting brad	ckets and plates		
Plug connectors and cables  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 2 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m		-	BEF-WN-MULTI	2064469
Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 2 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded YG2A14-020VB3XLEAX 2095766  Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded YG2A14-020VB3XLEAX 2095895  Head A: female connector, M12, 4-pin, angled, A-coded YG2A14-050VB3XLEAX 2095767  Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded YG2A14-050VB3XLEAX 2095897  Head A: female connector, M12, 4-pin, angled, A-coded YG2A14-050VB3XLEAX 2095897  Head A: female connector, M12, 4-pin, angled, A-coded YG2A14-050VB3XLEAX 2095897  Head A: female connector, M12, 4-pin, angled with LED, A-coded YG2A14-050VB3XLEAX 2096222  Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded YG2A14-050VB3XLEAX 2096223  Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded YG2A14-050VB3XLEAX 2096223  Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded YG2A14-050VB3XLEAX 2096223  Head B		Mounting bracket with hinged arm, steel, zinc coated, mounting hardware included	BEF-WN-W27	2009122
Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 2 m  Head A: fermale connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: fermale connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: fermale connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: fermale connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: fermale connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: fermale connector, M12, 4-pin, angled with LED, A-coded He	Plug connecto	ors and cables		
Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: cable: Sensor/actuator cable, PVC, unshielded, 5 m	1	Head B: open cable ends	YF2A14-020UB3XLEAX	2095607
Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: -	<b>P</b>	Head B: open cable ends	YF2A14-020VB3XLEAX	2096234
Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, halogen-free, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, halogen-free, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, halogen-free, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: -	1	Head B: open cable ends	YF2A14-050UB3XLEAX	2095608
Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVR, halogen-free, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: - Cable: unshielded  DOS-1204-W  6007303	<b>P</b>	Head B: open cable ends	YF2A14-050VB3XLEAX	2096235
Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: - Cable: unshielded  DOS-1204-W  6007303		Head B: open cable ends	YG2A14-020UB3XLEAX	2095766
Head B: open cable ends Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: -		Head B: open cable ends	YG2A14-020VB3XLEAX	2095895
Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: - Cable: unshielded  DOS-1204-W  6007303		Head B: open cable ends	YG2A14-050UB3XLEAX	2095767
Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 2 m  Head A: female connector, M12, 4-pin, angled with LED, A-coded Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: - Cable: unshielded  DOS-1204-W  6007303  Head A: female connector, M12, 4-pin, angled Head B: -		Head B: open cable ends	YG2A14-050VB3XLEAX	2095897
Head B: open cable ends Cable: Sensor/actuator cable, PVC, unshielded, 5 m  Head A: female connector, M12, 4-pin, straight Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: -  DOS-1204-W  6007303		Head B: open cable ends	YI2A14-020VB3XLEAX	2096222
Head B: - Cable: unshielded  Head A: female connector, M12, 4-pin, angled Head B: -  DOS-1204-W  6007303		Head B: open cable ends	YI2A14-050VB3XLEAX	2096223
Head B: -		Head B: -	DOS-1204-G	6007302
		Head B: -	DOS-1204-W	6007303

# WTB27-3P2411 | W27-3 PRODUCT PORTFOLIO

Brief description	Туре	Part no.
Head A: male connector, M12, 4-pin, straight Head B: - Cable: unshielded	STE-1204-G	6009932
Head A: male connector, M12, 4-pin, angled Head B: - Cable: unshielded	STE-1204-W	6022084

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SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

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