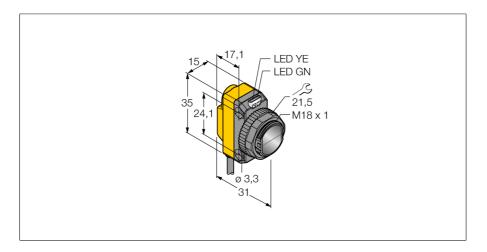
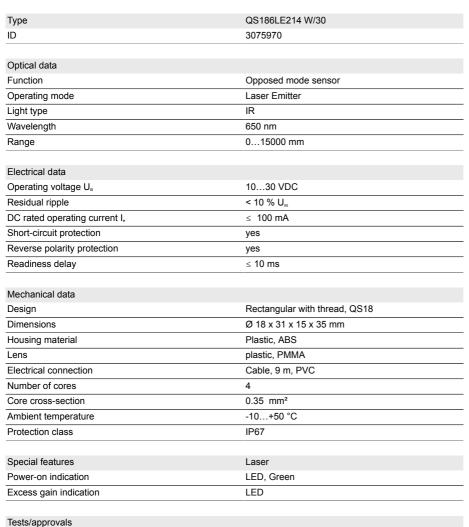


# Photoelectric Sensor Laser Emitter QS186LE214 W/30

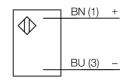






- Cable, PVC, 9 m
- Protection class IP67
- LED all-round visible
- Operating voltage: 10...30 VDC

#### Wiring Diagram



### **Functional principle**

Opposed mode sensors consist of an emitter and a receiver. They are installed opposite to each other whereby the emitted light aims directly at the receiver. When an object interrupts or weakens the light beam, the sensor switches. Opposed mode sensors are the most reliable photoelectric sensors for detection of opaque objects. The high light/dark contrast and the very high excess gain are typical for this function mode and enable operation over large distances and under difficult conditions.

### Activation

By connecting the control input (PIN 2 WH) to ground (-) the laser beam is turned on. The laser beam is turned off again by feeding 10 ... 30 VDC to the control input or by non-connecting the wire.

## Excess gain curve

Excess gain in relation to the distance (type 6EB/RB)

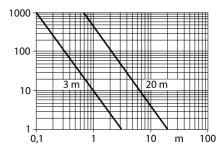
MTTF

Approvals

530 years acc. to SN 29500 (Ed. 99) 40 °C

CE, cURus







## **Accessories**

Type code	Ident no.		Dimension drawing
SMB18A	3033200	Mounting bracket, rectangular, stainless steel, for sensors with 18 mm thread	>20
			e 4.6 6 46
SMB18AFAM10	3012558	Mounting bracket, material VA 1.4401, for M10 x 1.5 thread,	
		thread length 18 mm	M10 34 16 51 0 19.8
SMBQS18A	3069721	Mounting bracket, stainless steel, for 18 mm thread	
			M18 x 1 24,9 19,4
SMB18SF	3052519	Mounting bracket, PBT black, for sensors with 18 mm thread rotatable	,
			11.7 50.8 M18 x 1 43.2 36.1 25.4