

L318B

The L318B throughbeam photoelectric sensor offers simple alignment with its optimized beam geometry. It is also suitable for the simple detection of flat objects. Deactivation inputs enable testing of the sensor. The simple fine adjustment with omni-mount, the embedded mounting option and variants with axial and angled optics round out the portfolio.

Benefits:

- High function reserve
- Simple alignment by means of optimized beam geometry
- Simple detection of flat objects

Part no.	Part description	Operating range [m] Op. range limit [m]	Light source	Connection	Description
50116853	▶ LS318B/9D-M12	0 ... 10 m 0 ... 15 m	LED, red	Connector, M12, 4-pin, plastic	DC, deactivation input
50116845	◀ LE318B/2N-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, NPN, light switching; Digital switching output 2: transistor, NPN, dark switching, DC
50116847	◀ LE318B/4P-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, light switching; Digital switching output 2: transistor, PNP, dark switching, DC
50122549	◀ LE318B/PX-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, dark switching, DC
50116852	▶ LS318B/9D	0 ... 10 m 0 ... 15 m	LED, red	Cable, 2,000 mm, 4-wire	DC, deactivation input
50116844	◀ LE318B/2N			Cable, 2,000 mm, 4-wire	Switching frequency: 500 Hz; Digital switching output 1: transistor, NPN, light switching; Digital switching output 2: transistor, NPN, dark switching, DC
50116846	◀ LE318B/4P			Cable, 2,000 mm, 4-wire	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, light switching; Digital switching output 2: transistor, PNP, dark switching, DC
50126605	▶ LS318B.Y1	0 ... 9.4 m 0 ... 14.2 m	LED, red	Connector, M12, 4-pin, plastic	DC, deactivation input, small light spot (S)
50116845	◀ LE318B/2N-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, NPN, light switching; Digital switching output 2: transistor, NPN, dark switching, DC
50116847	◀ LE318B/4P-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, light switching; Digital switching output 2: transistor, PNP, dark switching, DC
50122549	◀ LE318B/PX-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, dark switching, DC
50116855	▶ LS318B.W/9D-M12	0 ... 5.5 m 0 ... 8 m	LED, red	Connector, M12, 4-pin, plastic	DC, deactivation input, 90° angular optics
50116849	◀ LE318B.W/2N-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, NPN, light switching; Digital switching output 2: transistor, NPN, dark switching, DC, 90° angular optics
50116851	◀ LE318B.W/4P-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, light switching; Digital switching output 2: transistor, PNP, dark switching, DC, 90° angular optics
50116854	▶ LS318B.W/9D	0 ... 5.5 m 0 ... 8 m	LED, red	Cable, 2,000 mm, 4-wire	DC, deactivation input, 90° angular optics
50116848	◀ LE318B.W/2N			Cable, 2,000 mm, 4-wire	Switching frequency: 500 Hz; Digital switching output 1: transistor, NPN, light switching; Digital switching output 2: transistor, NPN, dark switching, DC, 90° angular optics
50116850	◀ LE318B.W/4P			Cable, 2,000 mm, 4-wire	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, light switching; Digital switching output 2: transistor, PNP, dark switching, DC, 90° angular optics
50129507	▶ LS318B/9D-M12	0 ... 16 m 0 ... 23 m	LED, infrared	Connector, M12, 4-pin, plastic	DC, deactivation input
50116845	◀ LE318B/2N-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, NPN, light switching; Digital switching output 2: transistor, NPN, dark switching, DC
50116847	◀ LE318B/4P-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, light switching; Digital switching output 2: transistor, PNP, dark switching, DC
50122549	◀ LE318B/PX-M12			Connector, M12, 4-pin, plastic	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, dark switching, DC
50116844	◀ LE318B/2N			Cable, 2,000 mm, 4-wire	Switching frequency: 500 Hz; Digital switching output 1: transistor, NPN, light switching; Digital switching output 2: transistor, NPN, dark switching, DC
50116846	◀ LE318B/4P			Cable, 2,000 mm, 4-wire	Switching frequency: 500 Hz; Digital switching output 1: transistor, PNP, light switching; Digital switching output 2: transistor, PNP, dark switching, DC

▶ transmitter / ◀ receiver

Switching sensors

Measuring sensors

Products for safety at work

Identification

Data transmission / Control components

Industrial image processing

Accessories