

Keyfeatures

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|---------------------------------|---------------------------|
| Light source, light type | Infrared |
| Connection | Connector, M12x1-S04 |
| Ambient temperature | -25...55 °C |
| Series | Series 18KW |
| Design | Flat cylinder, 90° optics |
| Range Sn | Sn = 15 m, adjustable |

Degree of protection as per IEC 60529 IP67

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|---------------------------|--------------------|
| Reference receiver | BLE 18KW-...1PP-.. |
|---------------------------|--------------------|

General attributes

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| Basic standard | IEC 60947-5-2 |
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Degree of protection as per IEC 60529 IP67

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| Protection class | II |
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Protected against polarity reversal yes

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| Additional text | For additional information, refer to user's guide. Order accessories separately. |
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|---------------|-------------|
| Series | Series 18KW |
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| Indicator | Power - LED GN |
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| Input function | Test (Emitter off) |
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|---------------------------|--------------------|
| Reference receiver | BLE 18KW-...1PP-.. |
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| Trade name | Global |
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Electrical attributes

Rated operating voltage Ue DC 24 V

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| Rated insulation voltage Ui | 75 V DC |
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| Electrical version | DC, direct current |
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| Ripple max. (% of Ue) | 8 |
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No-load current max. I_o at U_e 35 mA

Operating voltage 10...30 V DC

Mechanical attributes

Connector type M12x1-S04

Ambient temperature T_a max. 55 °C

Ambient temperature T_a min. -25 °C

Sensing surface material PMMA

Housing material PBT

Mounting type Nut M18x1
Screw M3

Design Flat cylinder, 90° optics

Operating range R_o 0...15 m

Range S_n S_n = 15 m, adjustable

Length 1 Ø18.0

Length 2 14 mm

Length 3 83,5 mm

Optical attributes

Principle of optical operation Emitter

Light type Infrared

Wavelength 880 nm

Light source, light type Infrared