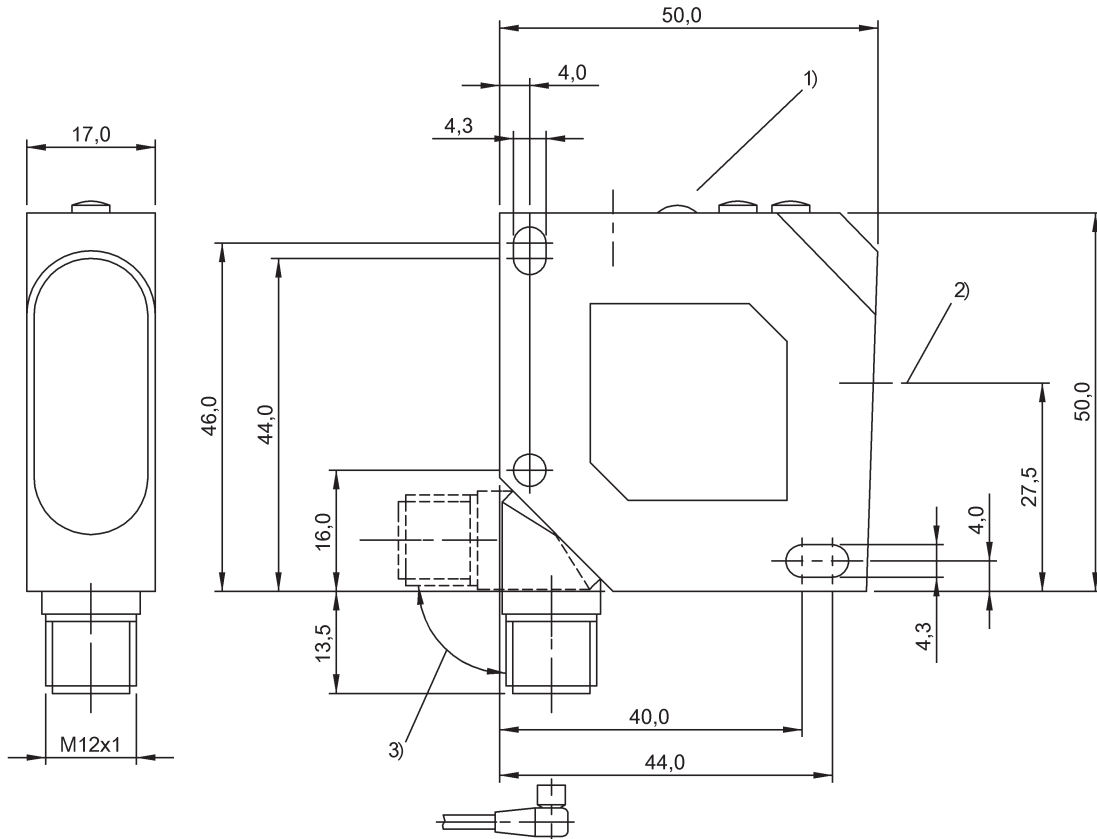


LASER CLASS 1 per IEC 60825-1:
2003-10



1) Display and control panel 2) Optical axis 3) 270° rotatable

- Photoelectric sensor
- Series 26K
- Laser red light
- up to 50 m



LISTED IND. CONT. EQ. 77HA
for use in the secondary of
a class 2 source of supply

General attributes

Adjuster
Approvals / Conformity

Basic standard
Enclosure Type per IEC 60529
Indicator

Polarity reversal protected
Protection Class
Reference reflector
Series
Setting
Short circuit protected

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
No-load current max. I_o at U_e
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Rated insulation voltage U_i
Ripple max. (% of U_e)
Switching freq. f max. (at U_e)
Switching function

Potentiometer 270° (1x)
cULus
CE
IEC 60947-5-2
IP67
Stability - LED GN
Output function - LED YE
Error - LED RD
Switching dist. - dig. disp.
yes
II
BOS R-22
Series 26K
Sensitivity (S_n)
yes

Connector
200 mA
24.0 V
DC, direct current
40 mA
30.0 V
10.0 V
75 V DC
10 %
2500 Hz
NO-NC (pins 4-2)

Switching output
Turn on time t_{on} max.
Voltage drop U_d max. (at I_e)

Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a min.
Connector type
Eff. operating distance S_r
Housing material
Length 1
Length 2
Length 3
Mounting type
Operating range R_o
Range S_n
Sensing face material
Style

PNP (2x)
0.20 ms
2.4 V

Optical attributes

Ambient light max.
Average power P_o max.
Laser Class per IEC 60825-1
Light spot size, typical
Light type
Optical special feature
Polarizing filter
Principle of optical operation
Switching function, optical

45 °C
-20 °C
M12x1-S04
25000 mm
ABS
17.0 mm
50.0 mm
50.0 mm
Screw M4
0...25 m
S_n = 25 m, adjustable
PMMA
Block, rotatable connection

3,000 Lux
< 390 µW (IEC 60825-1)
1
Ø20 mm at 20 m
Laser red light
Coaxial optics
yes
Retro-reflective sensor
NO dark-on - NC light-on

Wavelength

670 nm

Additional text

For additional information, refer to user's guide.

Order accessories separately.

The sensor is functional again after the overload has been eliminated.

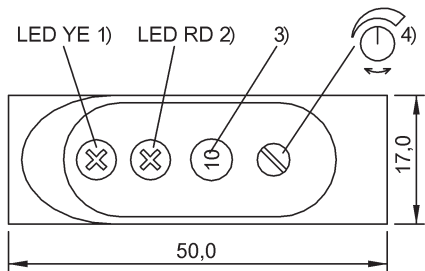
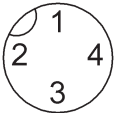
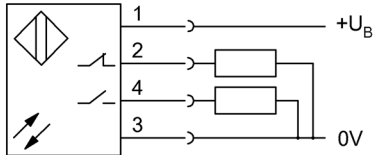
Polarizing filters prevent spurious switching due to reflecting and shiny parts.

Only for NFPA 79 applications (machines with a supply voltage of maximum 600 volts).

Device shall be connected only by using any R/C (CYJV2) cord, having suitable ratings.

Operating object (test target): Gray card, 200 x 200, 90 % remission, lateral approach,

direction of movement vertical to plane of lens axes.



1) Output function 2) Stability 3) Switching dist. dig. displ. 4) Sensitivity