

1) Display and control panel 2) Optical axis receiver 3) Optical axis emitter 4) 270° rotatable

- Photoelectric sensor
- Series 26K
- LED, red light
- up to 500 mm



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
Series
Setting
Short circuit protected

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Load capacitance max. (at U_e)
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 2-turn (1x)
cULus
CE
IEC 60947-5-2
IP67
Switching dist. - dig. disp.
Error - LED RD
Output function - LED YE
Stability - LED GN
yes
II
Series 26K
Switching distance (S_n)
yes

Connector
200 mA
24.0 V
DC, direct current
1.00 µF
35 mA
30.0 V
10.0 V
75 V DC
10 %
1000 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
Detection range S_d
Dist. dev. 18 % max. (% of S_r)
Eff. operating distance S_r
Housing material
Length 1
Length 2
Length 3
Minimum operating distance
Mounting type
Range S_n
Sensing face material
Style

Optical attributes
Light spot size, typical
Light type
Optical special feature
Principle of optical operation
Switching function, optical
Wavelength

PNP (2x)
0.50 ms
2.4 V

60 °C
-20 °C
M12x1-S04
30...300 mm
8 % with 90 % rem.
300 mm
ABS
17.0 mm
50.0 mm
50.0 mm
30 mm
Screw M4
S_n = 300 mm
PMMA
Block, rotatable connection

Photoelectric sensor

BOS 26K-PA-1HC-S4-C
BOS0089

Additional text

Order accessories separately.

For additional information, refer to user's guide.

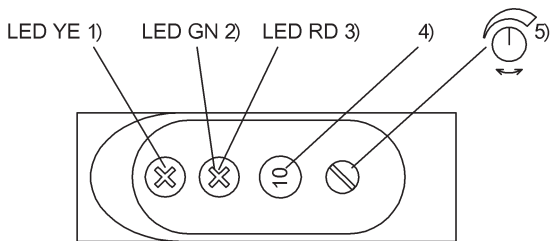
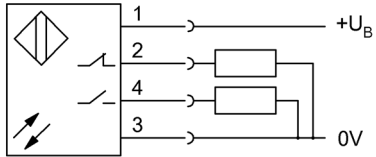
The sensor is functional again after the overload has been eliminated.

Reference object (target): Gray card, 200 x 200,

90 % remission, axial approach.

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.



1) Output function 2) Stability 3) Error 4) Switching dist. dig. displ. 5) Sensitivity