



Electrical data:

Load current capacity max. (Ie)	200 mA
Switching output	PNP
Operating frequency (f)	100 Hz
Current Consumption I _o max. (No Load)	40 mA
Supply voltage min.	10 V
Supply voltage max.	30 V
Voltage ripple max.	max. 15% from UB
Voltage drop U _d max. at I _e	2.5 V
Connection	connector S49 (M8 3-pin)
Rated insulation voltage (U _i)	75 DC
Utilization category	DC 13
Load capacitance max	0,1 µF
Switching element function	normally open
Rated operational voltage	24 DC V
Off Time delay	10...300 ms
On Time delay	0,2 ms

Mechanical data:

Ambient temperature max.	+55 °C
Ambient temperature min.	-10 °C
Surface treatment	anodized
Housing material	Al black anodized
Diameter of sensing face	40x80 mm
Resolution max.	2.0 mm

General data:

Supply voltage indication	yes, green LED
Function indication	yes, red LED
Short circuit protected	yes
Degree of protection IP	IP 67
Protected against polarity reversal	yes
Approval	CE
Type	Optical Windows
Recommended connector	C49 BNE-00-VY-050M
sensitivity adjustment	Potentiometer
On / off delay	0,2
adjustment range of delay	10-300ms

Optical data:

Emitter type	Infrared
wave length of emitted Light	880
permissible ambient light	5000

Wiring:



Pinout:
pinout

