



**Electrical data:**

Connection	connector S49 (M8 3-pin)
Rated insulation voltage (Ui)	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
Load current capacity max. (Ie)	200 mA
Switching output	PNP
Operating frequency (f)	3...100 adjustable Hz
Current Consumption I <sub>o</sub> max. (No Load)	150 mA
Supply voltage min.	10 V
Supply voltage max.	30 V
Voltage ripple max.	max. 15% from UB
Voltage drop U <sub>d</sub> max. at Ie	3,5 V

**Mechanical data:**

weight	480 g
Surface treatment	anodized
Housing material	Al black anodized
Diameter of sensing face	80 mm
Resolution max.	2.0 mm
Ambient temperature max.	+55 °C
Ambient temperature min.	-10 °C

**General data:**

Supply voltage indication	yes, green LED
Function indication	yes, red LED
Short circuit protected	yes
Degree of protection IP	IP 65
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	2000

**Wiring:**



**Pinout:**

