

Detection properties

Nominal sensing distance	35...350mm with white object 100 x 100mm
Thermal drift	≤10% Sr
Repeatability	5%
Sensitivity adjustment	Trimmer

Application

Principle of operation	Background suppression
Optical position	Axial

Go out

Type of output	PNP
Exit function	NO + NC
Switching frequency	1KHz

Electrical data

Supply voltage	10 ... 30Vdc
Absorption when empty	≤25mA
Load current	≤100mA
Leakage current	≤10μA
Voltage drop at the output	2V max. IL = 100 mA
Maximum residual ripple	10%
LED indicators	Yellow (exit status)
Late availability	≤200ms
Short circuit protection	Short circuit (self-restoring), Overvoltage
Issue	Red Pin Point Led
Ambient light immunity	5000lux incandescent lamp), 10000lux (sunlight)

Mechanical data

Dimensions	M18 x 1 / L = 65.5mm
Weight	130g
Body material	Nickel-plated brass / PC cable gland
Connections	2m PVC cable
Active part material	PMMA
Tightening torque	25Nm
Operating temperature	- 25 ° C ... + 70 ° C (without condensation)
Diameter / Dimensions	M18

