



Model: PR18-BC40DPR

Features

Diffuse reflection working principle;

Excellent anti-interference performance

High detection accuracy

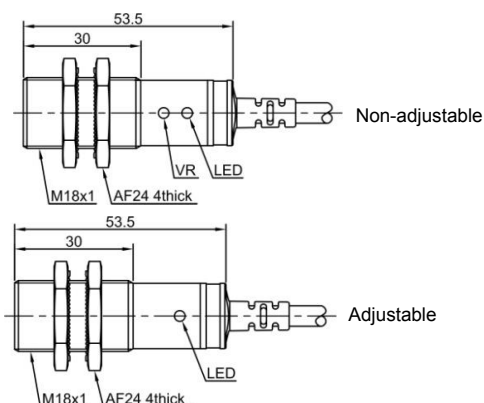
Part Number

NPN NO	PR18-BC10DNO	PR18-BC40DNO	PNP NO	PR12-BC15DPO	PR18-BC40DPO
NPN NC	PR18-BC10DNC	PR18-BC40DNC	PNP NC	PR12-BC15DPC	PR18-BC40DPC
NPN NO+NC	PR18-BC10DNR	PR18-BC40DNR	PNP NO+NC	PR12-BC15DPC	PR18-BC40DPR

Technical Specifications

Detection type	Diffuse reflection	Consumption Current	≤25mA
Reted Distance[Sn]	10cm (non-adjustable) 40cm (adjustable)	Circuit Protection	Short-circuit and reverse polarity
Standard target	White card reflection rate 90%	Response time	< 8.2ms
Light source	Infrared LED (880nm)	Output indicator	Yellow LED
Dimensions	M18*53.5mm	Ambient temperature	-15°C...+55°C
Output	NO/NC (depends on part No.)	Ambient humidity	35-85%RH (non-condensing)
Supply voltage	10...30 VDC	Voltage Withstand	1000V/AC 50/60Hz 60s
Target	Opaque object	Insulation Resistance	≥ 50MΩ(500VDC)
Hysteresis Range[%/Sr]	3...20%	Vibration Resistance	10...50Hz(0.5mm)
Repeat Accuracy[R]	≤ 5%	Degree of Protection	IP67
Load Current	≤200mA	Housing Material	Nickel-copper alloy
Residual Voltage	≤2.5V	Connection Type	2m PVC cable

Dimensions



Wiring Diagram

