DZ-R61 PHOTOELECTRIC

3 m sensing range | Retro-reflective detection



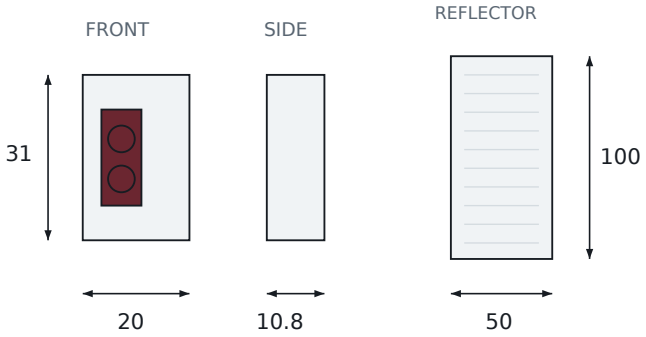
3 m / NPN NO / 5-40 VDC

Reflector included

01 TECHNICAL DATA

Model	DZ-R61
Sensing principle	Retro-reflective
Sensing range	3 m
Supply voltage	5-40 VDC
Output configuration	NPN sinking
Switching function	Normally open (NO)
Body size (L x B x H)	31 x 20 x 10.8 mm
Reflector size	100 x 50 mm
Included accessory	Rectangular reflector
Operating requirement	Works only with reflector
Connection	Pre-wired cable

02 BODY DIMENSIONS

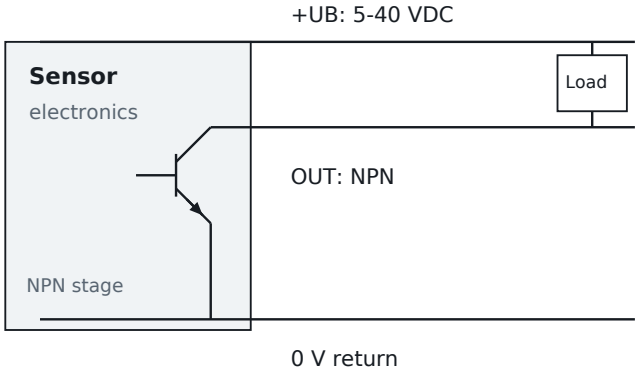


Sensor: 31 x 20 x 10.8 mm

Reflector: 100 x 50 mm

Dimensions in mm. Cable excluded. Not to scale.

03 NPN NO OUTPUT CIRCUIT



Connect the load / PLC input between +UB and OUT. The output sinks current to 0 V when the target is detected.

04 SWITCHING OPERATION

Target	Output state	Load / PLC input
Beam clear / target absent	OFF	Inactive
Beam blocked / target detected	ON	Active

INSTALLATION

Align the sensor optical window with the included reflector. Place the target between them so it interrupts the returned light. Keep both optical surfaces clean. Works only with reflector.