DZ-D61 PHOTOELECTRIC

100 mm sensing range | Diffuse reflection

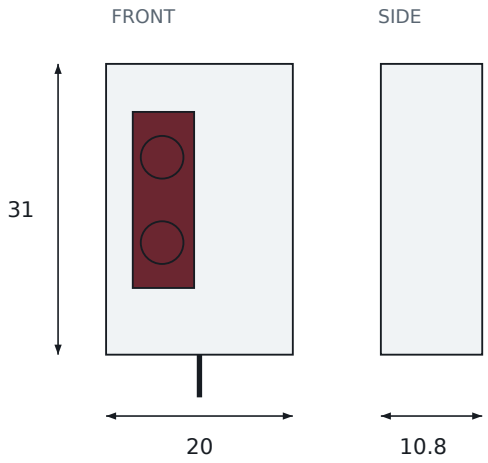


100 mm / NPN NO / 5-40 VDC

01 TECHNICAL DATA

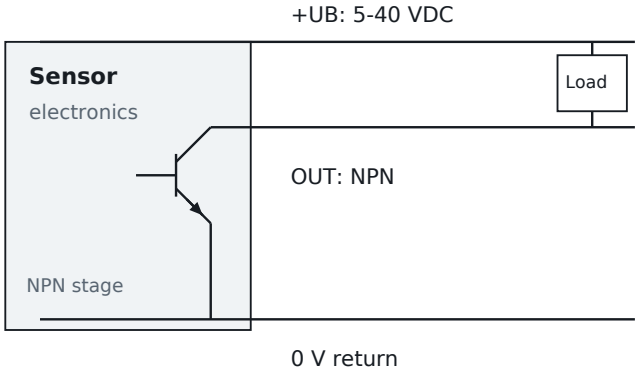
Model	DZ-D61
Sensing principle	Diffuse photoelectric
Sensing range	100 mm
Supply voltage	5-40 VDC
Output configuration	NPN sinking
Switching function	Normally open (NO)
Body size (L x B x H)	31 x 20 x 10.8 mm
Optical arrangement	Emitter / receiver in one body
Mounting	Two side holes
Connection	Pre-wired cable

02 BODY DIMENSIONS



Dimensions in mm. Cable excluded. Outline schematic.

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
Absent	OFF	Inactive
Detected	ON	Active

INSTALLATION

Aim the front optical window at the bottle. Secure the sensor using the side holes and keep the optics clean. Verify switching with the actual bottle finish, angle and distance.