M18 DIFFUSE LASER

400 mm sensing range | Diffuse reflection

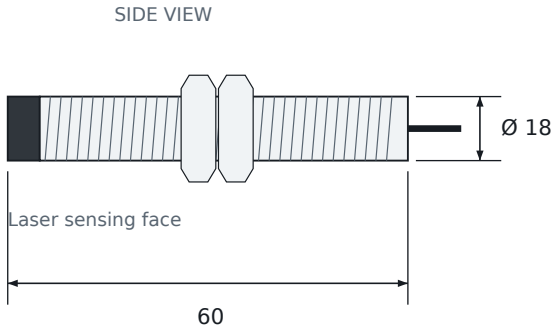


400 mm / PNP NO / 5-40 VDC

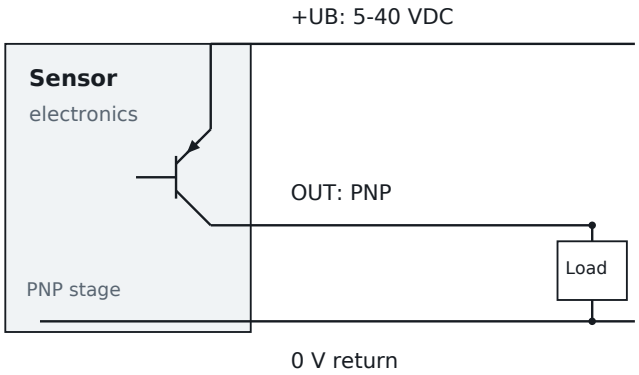
01 TECHNICAL DATA

Sensing principle	Diffuse photoelectric
Nominal sensing range	400 mm
Light source	Red laser
Supply voltage	5-40 VDC
Output configuration	PNP sourcing
Switching function	Normally open (NO)
Body diameter	18 mm
Body length	60 mm
Detection mode	Diffuse reflection
Connection	Pre-wired cable

02 BODY DIMENSIONS



03 PNP NO OUTPUT CIRCUIT



Connect the load / PLC input between OUT and 0 V. The output supplies positive voltage when a target is detected.

Dimensions in mm. Cable excluded. Outline schematic.

04 SWITCHING OPERATION

Target	Output state	Load / PLC input
Absent	OFF	Inactive
Detected	ON	Active

INSTALLATION

Aim the optical face at the target. Align the laser spot with the required detection point. Keep the lens clean and verify switching with the actual target surface, size and position.