E3Z-T81 PHOTOELECTRIC

5 m sensing range | Throughbeam detection



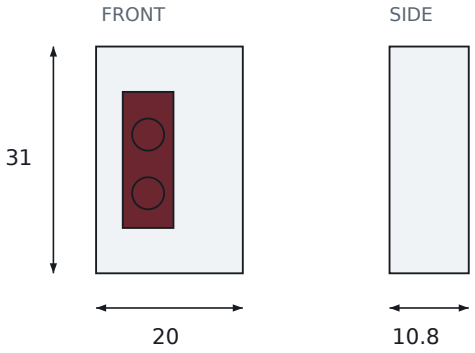
5 m / PNP NO / 5-40 VDC

Supplied as Tx + Rx pair

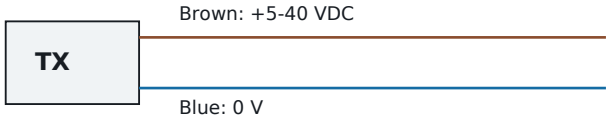
01 TECHNICAL DATA

Model	E3Z-T81
Sensing principle	Throughbeam
Sensing range	5 m
Supply voltage	5-40 VDC
Output configuration	PNP sourcing
Switching function	Normally open (NO)
Body size (L x B x H)	31 x 20 x 10.8 mm
Set contents	Tx + Rx pair
Tx wiring	Brown (+), Blue (-)
Rx wiring	Brown (+), Blue (-), Black (OUT)
Connection	Pre-wired cables

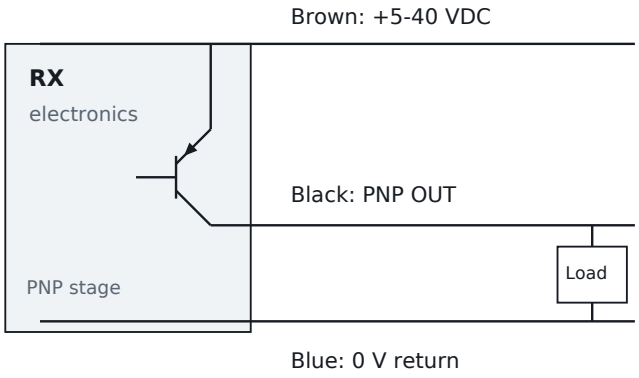
02 BODY DIMENSIONS



Each unit: 31 x 20 x 10.8 mm



03 PNP NO OUTPUT CIRCUIT



Connect the load / PLC input between OUT and 0 V. The output sources current from +UB 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 Tx and Rx optical windows face to face. Pass the target between them to interrupt the beam. Secure both units and keep their optical windows clean.