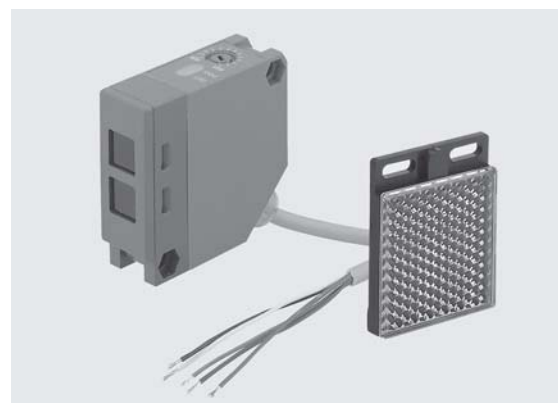


B 955 R



- Sensing distance on reflector 50x50 mm : 0,04 to 3,5 m
- Supply : 18 / 250 V AC/DC
- Output : relay



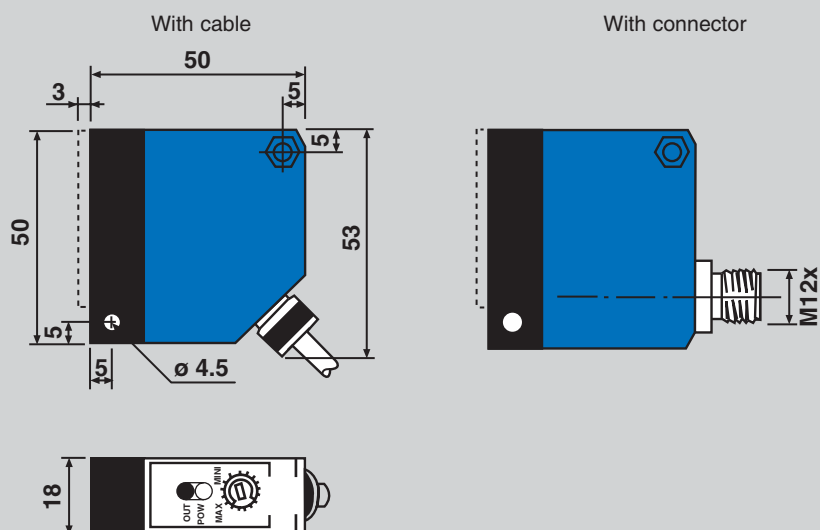
Description :

- Set-up with one-round potentiometre
- On/Off indicator
- Signal indicator
- 2 m cable output or M12 connector (NO contact only)
- ABS housing

Applications :

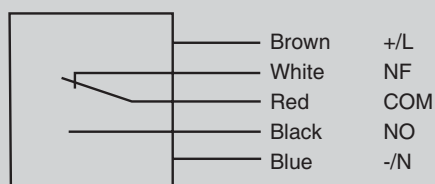
- Detection of shiny parts on material handling.
- Detection on a conveyor.
- Admittance control.

Dimensions

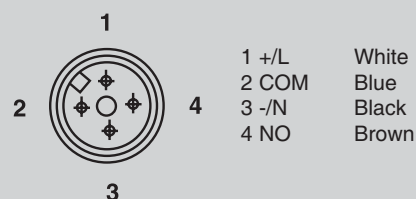


Wiring Connections

Cable output



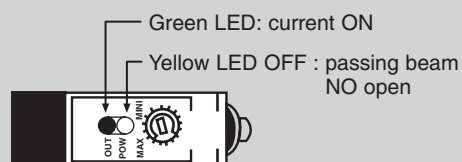
Connector output



Visualisation and Adjustment

Increasing sensibility: turn the potentiometre towards **MAX**

Decreasing sensibility: turn the potentiometre towards **MINI**



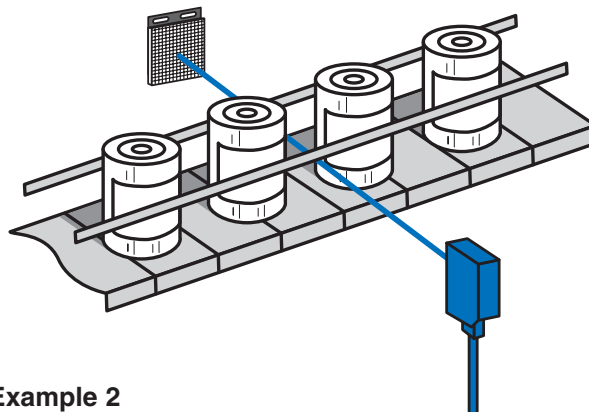
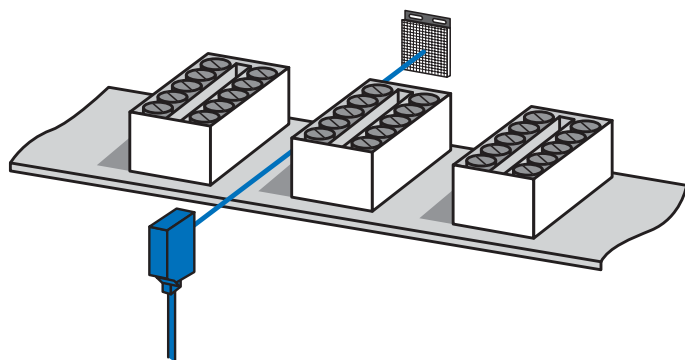
Technical Information		Cable 2 m	M12 connector
Supply	voltage	18 /250 V AC/DC	
	consumption	2,5 VA	
Response time	t _{on} , t _{off}	25 ms	
	switching frequency	20 Hz	
Relay output	type	NO /NF	NO
	relay state	at rest: beam cut at work: on demand	
	maximal voltage	125 VDC 250 VAC	
	maximal intensity	3 A	
	cut power	90 W 360 VA	
Sensing distance	on reflector ø 84	3 m	
	on reflector ø 42	1,8 m	
	on reflector 50x50 mm	3,5 m	
	on polarised scotchlite 50x50 mm	1,6 m	
Zone morte		4 cm	
Emission	LED	red	
	modulation frequency	55 Hz	
Temperature	operating	- 20° to 60°	
	storage	- 20° to 80°	
External light immunity	incandescent light	10 000 Lux	
Protection	degree of protection	IP 65	

To Place Order		Reference
Product	- output with cable 2 m	B 955 R
	- output with M12 connector	B CO 955 R
Retro-reflex polarised sensor (relay)		} Delivered with polarised reflector 50x50 mm (ref. 1111) and bracket
Cable for M12 connector	- length 2 m - straight - length 5 m { - straight - 90° angle	

TYPES OF APPLICATIONS

Example 1

Retro-reflex detection.


Example 2

Detection of metallic shiny parts.