

E/R 989 S

- Sensing distance : 4 m
- Supply : 10 à 30 VDC
- Output : PNP ou NPN
- Trimmer sensibility set-up


Description :

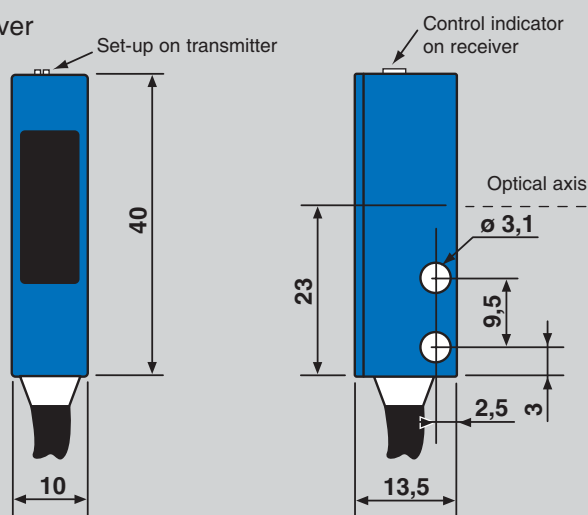
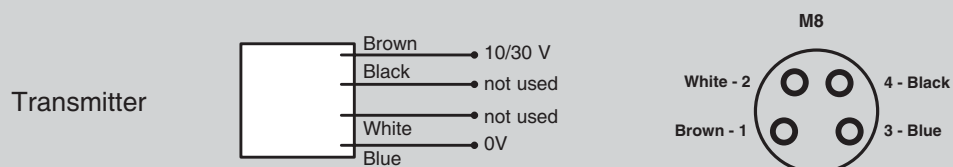
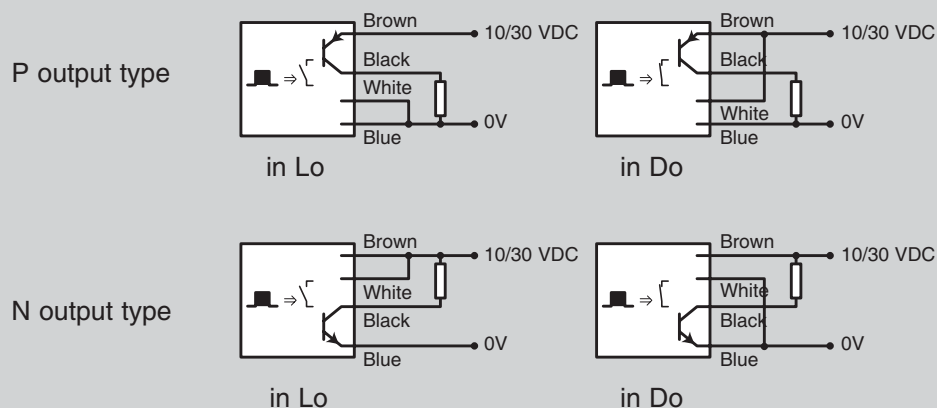
- Miniaturised
- High sensing distance
- Integrated amplifier
- Detection indication by LED
- Direct / inverse output
- 2 m cable or M8 connector
- Strong housing

Applications :

- Detection of opaque parts on a conveyor.
- Detection of opaque parts far away.
- Control of parts position on a robot.

Dimensions

Transmitter / Receiver


Wiring Connections

Through-beam detection


Technical Information

Supply	voltage	10 / 30 VDC ripple < 10% within specified limits
	consumption	< 25 mA
Response time	t _{on} or t _{off}	1 mS
	switching frequency	500 Hz
Output	max. nominal frequency	100 mA
	residual voltage at 100 mA	< 2 V
	residual voltage at 10 mA	< 1 V
Emission	LED	red pulsed
	modulation frequency	6 KHz
Temperature	operating	0 to 50° C
	storage	- 20° to 80° C
External light immunity	incandescent light	5 000 lux
	sunlight	10 000 lux
Protections	supply	inverse polarity protection
	output	permanent short-circuit or over-load protection
	degree	IP 65 and IP 67
Directe / inverse function		by cable, see "Wiring Connections"

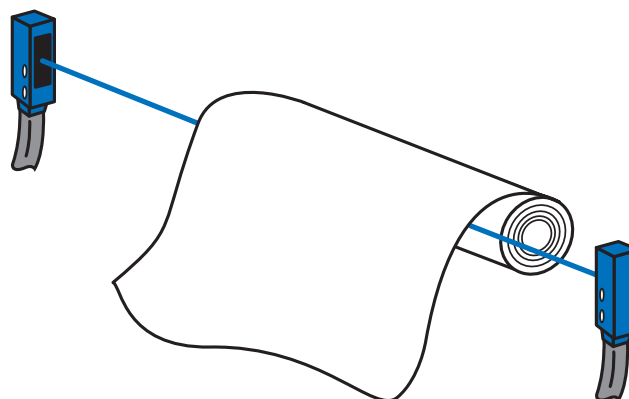
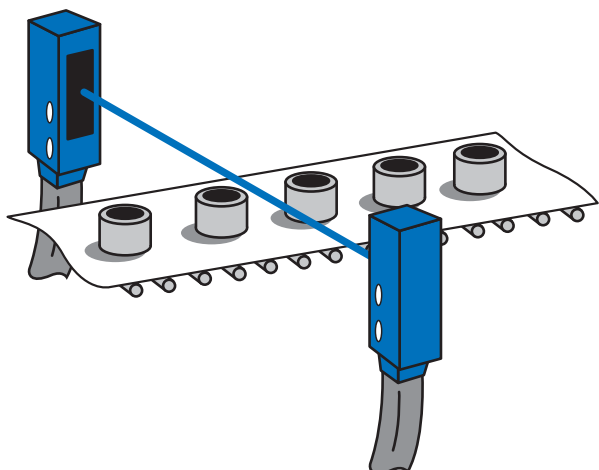
To Place Order

Product	Miniature sensor in through-beam mode	
Reference	Transmitter	Receiver
	E 989 - cable output E CO 989 - M8 connector output	R 989 SN - 2 m cable output (NPN) R 989 SP - 2 m cable output (PNP) R CO 989 SN - M8 connector output (NPN) R CO 989 SP - M8 connector output (PNP)

TYPE OF APPLICATIONS

Example 1

Detection of rubber parts.



Exemple 2

Control of bobine end.