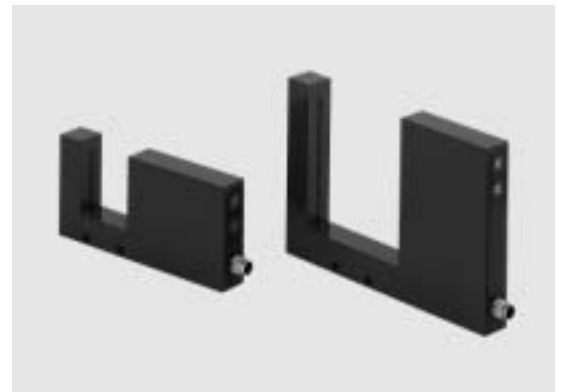


CAD 30 / CAD 60



- Spread : 30 x 30 or 60 x 60 mm
- Supply : 24 VDC
- Outputs : PNP / NPN
- Adjustable timer
- Built-in amplifier



Description :

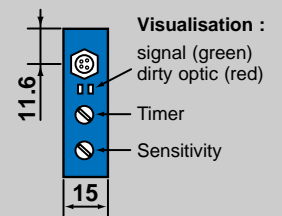
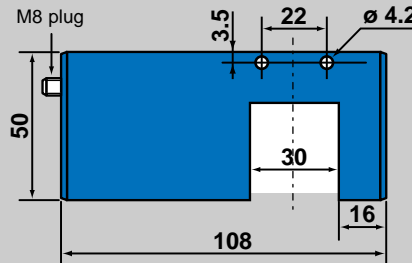
- Simple and quick adjustment by potentiometre
- Adjustable timer
- Dirty optic indicator
- Output indicator
- Faulty supply indicator
- Direct or inverse output
- Static output
- M8 plug
- Painted aluminium strong housing

Applications :

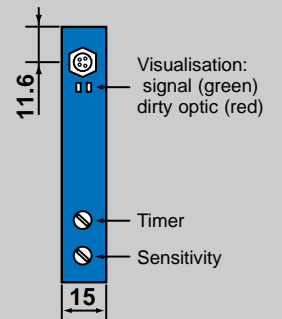
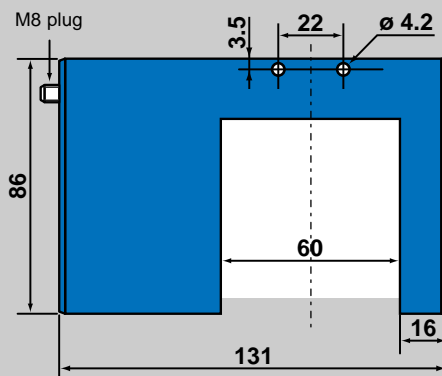
- Dynamic detection of parts of various material (plastic or metal), various shape and colour.
- Count of parts.
- Tools protection by ejection control of parts from press.

Dimension and Visualisation

CAD 30

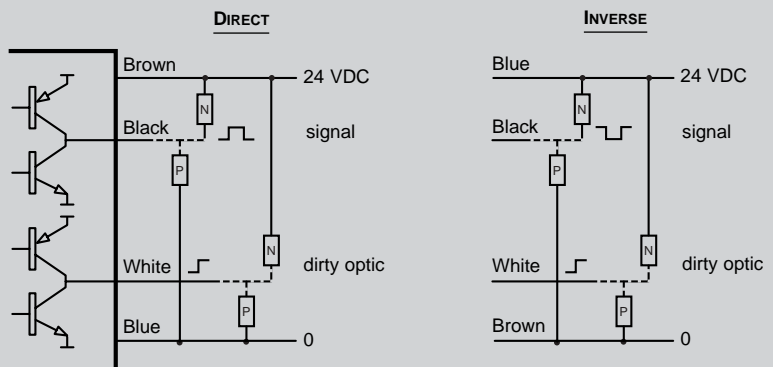


CAD 60



- In case of faulty supply, the red LED flashes.
- In case of short-circuit on an output, the red and green LEDs flash.

Wiring Connections



Technical Information

Supply	voltage	18 to 30 VDC ripple < 10% within specified limits
	consumption	120 mA
Response time	t _{on} or t _{off}	1 ms
	switching frequency	500 Hz
Outputs	max. nominal intensity	100 mA
	residual voltage at 100 mA	< 2 V
	residual voltage at 10 mA	< 1 V
Emission	LED	infra-red
Timer	retriggerable OFF-delay	max. 5 s
Temperature	operating	0 to 60 °C
	storage	-20 to 80 °C
External light immunity	incandescent light	400 lux
	sunlight	4 000 lux
Protections	output	permanent short-circuit or over-load protection
	degree of protection	IP 65
Minimum size of detection		ø 2 mm
Object speed	minimum	10 cm/s ø 2 mm
	maximum	15 m/s ø 2 mm

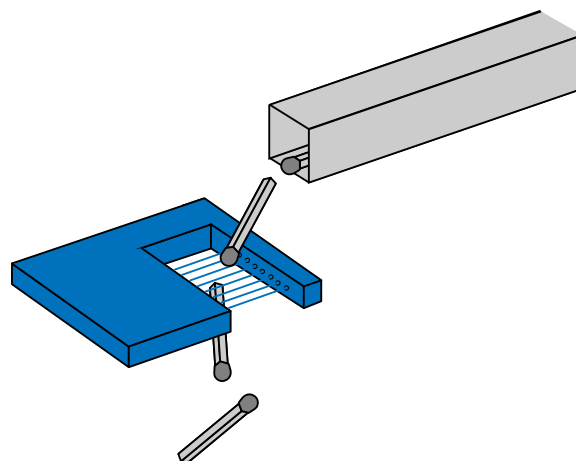
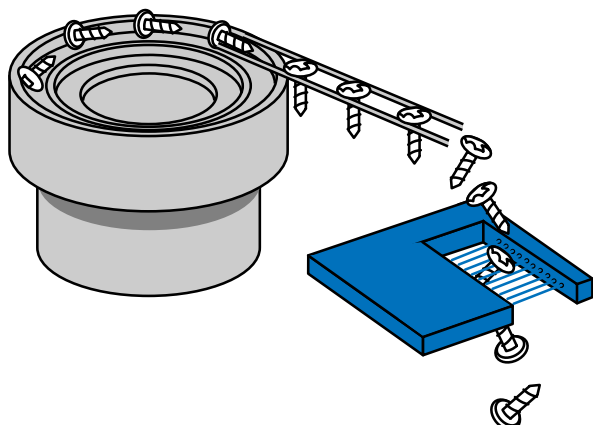
To Place Order

Product	Frame sensor
Reference	CAD - () - S - 24 VDC
Type	
spread 30 x 30 mm	(30)
spread 60 x 60 mm	(60)

TYPES OF APPLICATIONS

Example 1

Detection of parts at the output of a bowl feeder.



Example 2

Counting and packaging application.