

FA 98 S



- Spread : 3 mm
- Supply : 10 to 30 VDC
- Output : PNP / NPN
- Teach-in automatic set-up
- High speed of detection
- Integrated amplifier



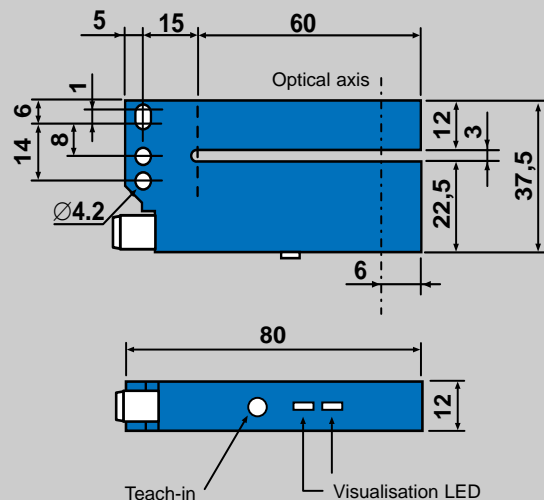
Description :

- Simple and quick teach-in set-up
- Set-up on the fork or by external input
- Set-up lock
- Output indicator
- Direct/inverse output
- Output : PNP / NPN
- M8 plug
- Anodised aluminium strong housing

Applications :

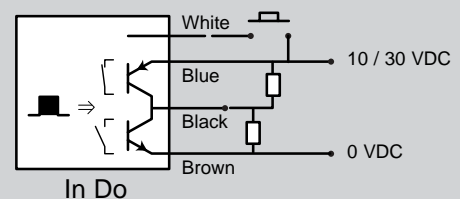
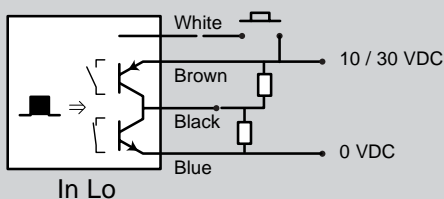
- Position control on a moving belt.
- Detection of tags on a conveyor.
- Detection of "double sheet".
- Mark detection on a translucent film.

Dimensions



Wiring Connections

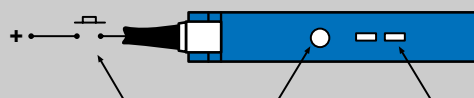
■ ⇒ Object detected



If the external teach-in (White) is not used, link it to 0V.

Display and Keyboard

Teach-in made on the tag support :
 - standard mode for any usual tag
 - thin mode for any translucent tag



1 hit = standard teach-in
 2 hits = thin teach-in
 1 long hit = keyboard lock

Red LED : keyboard lock
 Green LED : ON indicator
 Red LED blinking 2s : standard teach-in
 Green LED blinking 2s : thin teach-in
 Red and green LED blink : short-circuit or too opaque object

Technical Information

Supply	voltage	10 / 30 VDC ripple < 10% within specified limits
	consumption	40 mA
Response time	t _{on} or t _{off}	50 µs
	switching frequency	10 KHz
Output	max. nominal intensity	100 mA
	residual voltage at 100 mA	< 2 V
	residual voltage at 10 mA	< 1 V
Emission	LED	continued infra-red
Temperature	operating	-20 à 60 °C
External light immunity	incandescent light	3 000 lux
	sunlight	3 000 lux
Protections	supply	inverse polarity protection
	output	permanent short-circuit or over-load protection
	degree of protection	IP 65

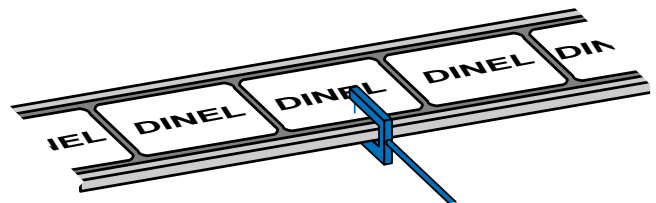
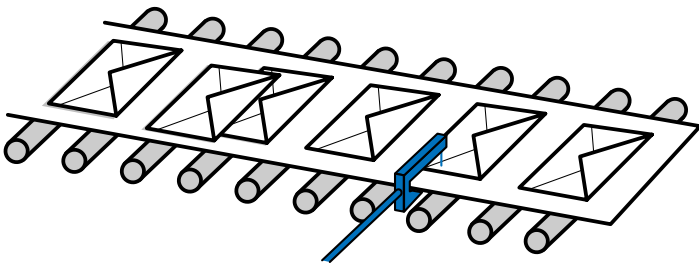
To Place Order

Product	Teach-in fork sensor
Reference	FA (C0) 98 3003 S
Cable with M8 plug if required, please order together with the sensor	CM 82 - cable 2 m CM 85 - cable 5 m CM 82C - cable 2 m coudé

TYPES OF APPLICATIONS

Example 1

Detection of envelops superposition.



Example 2

Detection of tags on a belt.