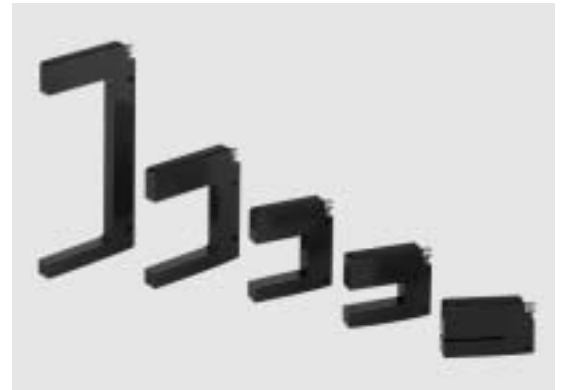


**F 95 S**



- Spread : 2 to 120 mm
- Supply : 10 to 30 VDC
- Output : PNP / NPN
- High sensitivity
- High speed
- Built-in amplifier



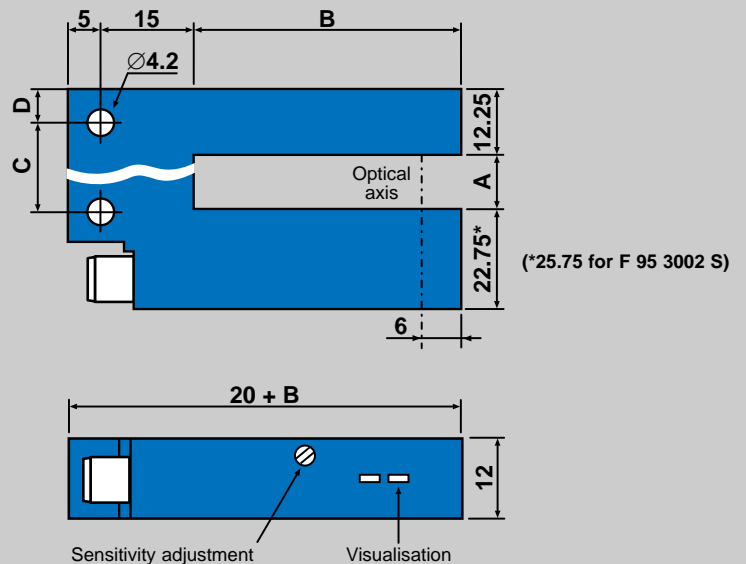
**Description :**

- Simple and accurate adjustment by potentiometer (25 rotations)
- Output indicator
- Direct / inverse output
- Output : PNP / NPN
- M8 plug
- Painted aluminium strong housing

**Applications :**

- Lateral shift control of a belt.
- Detection on a labelling machine.
- Handling : control of tools travel.
- Detection of sheets overlapping.
- Detection of marks on a translucent film.
- Lift cage position control.

**Dimensions and Visualisation**



Fork	A (mm)	B (mm)	C (mm)	D (mm)
F 95 3002 S (Continuous emission)	2	40	14	6.25
F 95 4002 S (Modulated emission)	2	40	14	6.25
F 95 4015 S (Modulated emission)	15	40	27	6.25
F 95 4030 S (Modulated emission)	30	40	42	6.25
F 95 4050 S (Modulated emission)	50	57	40	17.25
F 95 4080 S (Modulated emission)	80	57	70	17.25
F 95 4120 S (Modulated emission)	120	57	110	17.25

**Wiring Connections**



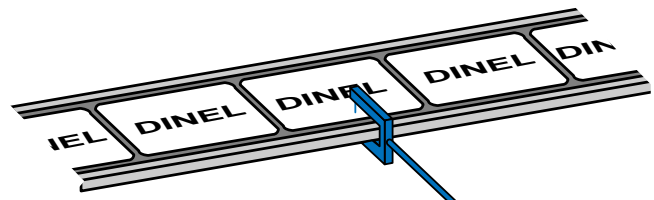
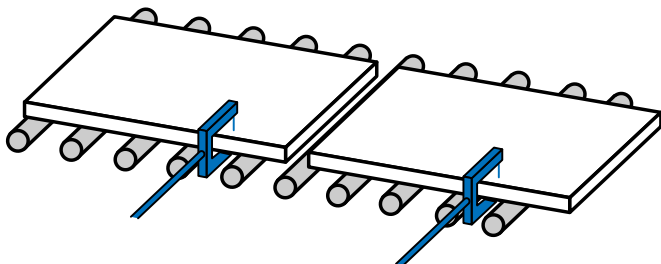
Technical information		Modulated emission	Continuous emission
Supply	voltage	10 / 30 VDC ripple < 10% within specified limits	
	consumption	30 mA	40 mA
Response time	t <sub>on</sub> or t <sub>off</sub>	1 ms	30 μs
	switching frequency	500 Hz	10 KHz
Output	max. nominal intensity	100 mA	
	residual voltage at 100 mA	< 2 V	
	residual voltage at 10 mA	< 1 V	
Emission	LED	infra-red	
	modulation frequency	7.7 KHz	continuous
Temperature	operating	-20 to 60 °C	
	storage	-20 to 80 °C	
External light immunity	incandescent light	3 000 lux	3 000 lux
	sunlight	10 000 lux	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	Fork sensor
Reference	F 95 - _____ - ( ) - S - 10 / 30 VDC
Type	Cf. "Dimensions table" (C0) output M8 plug without cable (C2) output M8 plug with cable 2m (C5) output M8 plug with cable 5m

TYPES OF APPLICATIONS

**Example 1**

Detection of sheets position on a conveyor.



**Example 2**

Detection of labels on a strip.