

AFV 954 R



- Sensing distance with glass fibre
See technical information on sheet "Glass Fibre Optics"
- Supply : 20 to 250 V AC/DC
- Output : relay
- ON-delay + OFF-delay timer



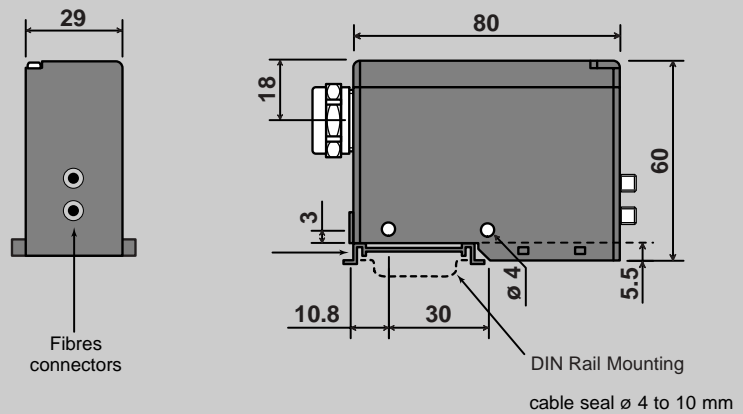
Description :

- Simple and quick set-up for self-teach (standard and sensitive mode)
- Double adjustable timer
- Alignment indicator
- Dirty optics indicator
- Keyboard lock
- Direct or inverse output
- Output : relay
- Connection on screw terminal
- Polycarbonate strong housing

Applications :

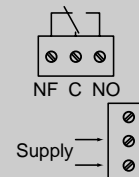
- Position or presence control of parts on assembling or conditioning machine.
- Detection of presence of parts in a plastic mould.
- Detection under extreme conditions.
- Glass fibre use in high-temperated surroundings (furnace output).

Dimensions



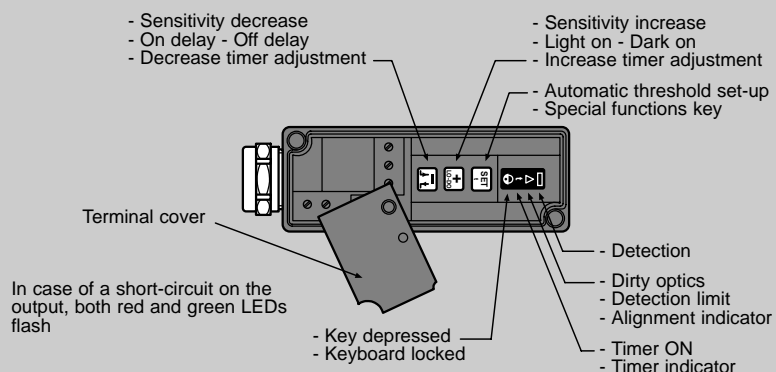
Wiring Connections

RELAY (R)



Terminal 250 V - 1.5 mm²

Visualisation and Keyboard



Technical Information

Supply	voltage	20 / 250 V AC/DC
	consumption	2 VA
Response time	t_{on} or t_{off}	20 ms
	switching frequency	25 Hz
Output	relay	change over type U nominal : 250 V permanent max. I : 3 A
Emission	LED	red
	modulation frequency	400 Hz
Timer	type	retriggerable - ON-delay / OFF-delay
	range - increment duration	0 to 11s in 23 steps of 50ms, then 0.5s steps
Temperature	operating	0 to 60 °C
	storage	-20 to 80 °C
External light immunity	incandescent light	10 000 lux
	sunlight	10 000 lux
Protections	supply	—
	output	—
	degree of protection	IP 65 and IP 67
Remote input	on	—
	off	—

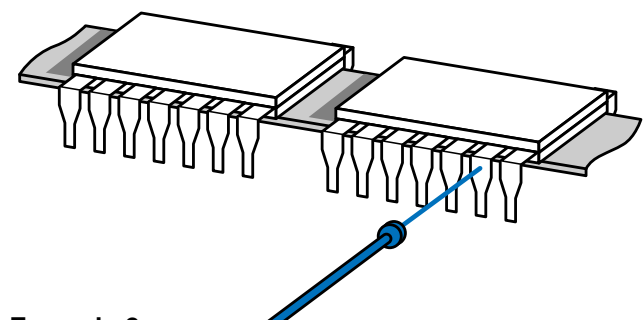
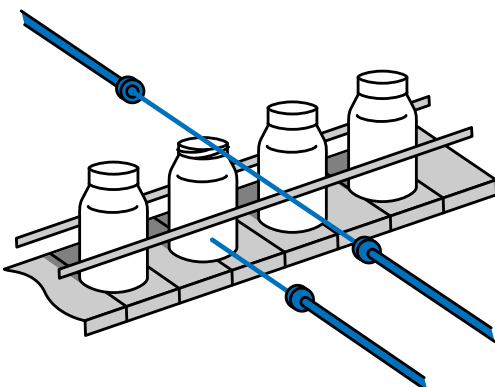
To Place Order

Product	Glass fibre optic sensor
Reference	AFV - 954 R - 20 / 250 V AC/DC

TYPE OF APPLICATIONS

Example 1

Detection of presence of parts (here, lids) on a conveyor.



Example 2

Detection by glass fibre of small parts.