

FNC Light Curtains



Features

- Protect your staff and your capital goods with the light curtains
- 5 cm minimum object sensing
- Extremely dense protective field
- Wide operation range
- Robust operation range
- Simple mounting
- Virtually no alignment necessary
- Wide power supply range
- L profile includes a fixing fin on the back, which allows the edge to be fixed without compromising the integrity of the main electronic compartment.

Technical data - Light Curtains

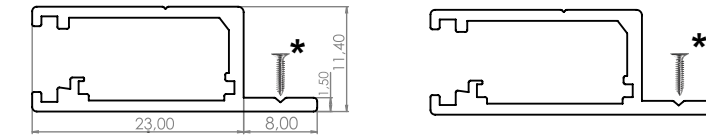
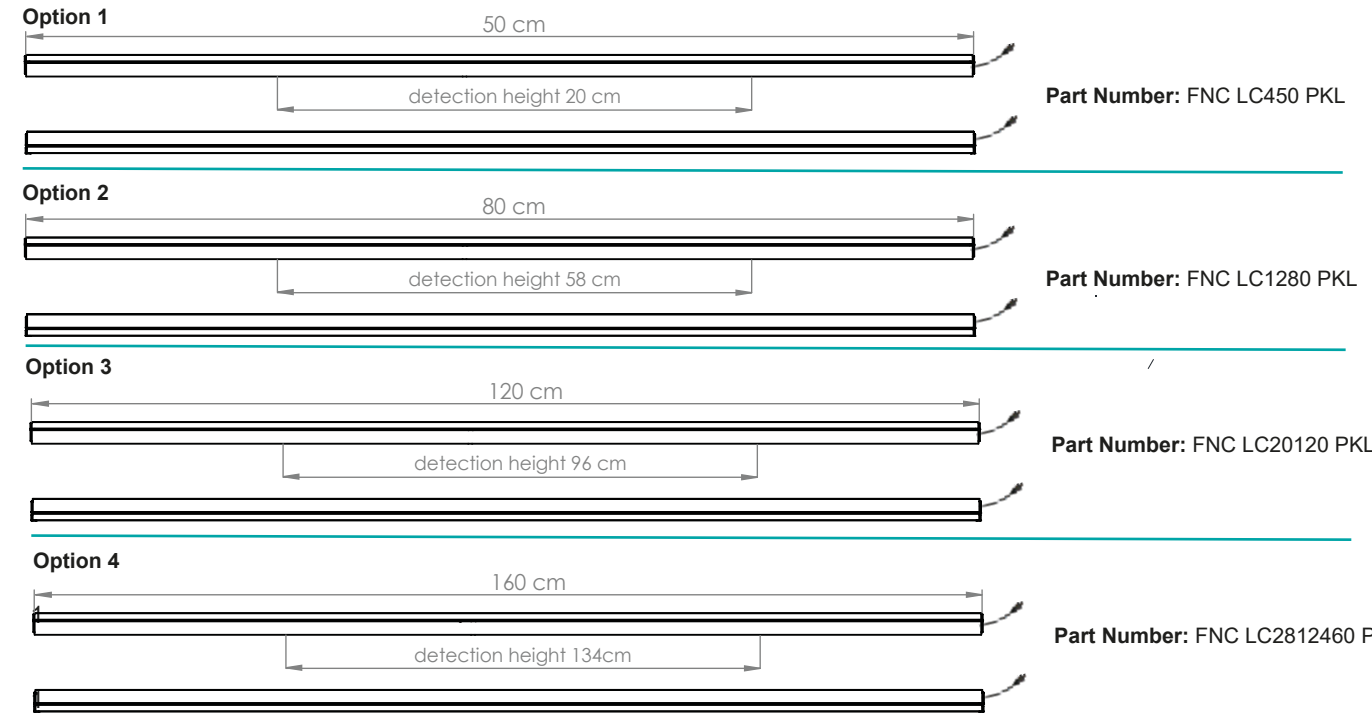
Dimensions	12 x 31 x 500 mm 12 x 31 x 800 mm 12 x 31 x 1200 mm 12 x 31 x 1600 mm
Housing material	Aluminum
Detection range	0 - 4000 mm
Number of beams	14 to 132 Non-Parallel
Number of diodes	4 to 28
Detection height	for 50 cm profile 20 cm for 80 cm profile 58 cm for 120 cm profile 96 cm for 160 cm profile 134 cm
Response time	300 ms
Power indicator	Red LED
Status indicator	LED in reciever Green on : working normal Red on : Fault
Light immunity	<100.000 Lux
Tolerance	Vertical : ±15 mm Horizontal : ±50 mm
Cables lenght (TX&RX)	4400 mm
Protection degree	IP54

Technical data - Power Unit

Dimensions	30 x 57 x 133 mm
Operating voltage	85-230 VAC 60 Hz (220V) 14-24 VDC (24V)
Housing material	ABS
Contact ratings	3A - 120 VAC 1A - 250 VAC 3A - 24 VDC
Operating temperature	-20...+65° C
Stroge temperature	-20...+85° C
Protection level	IP31
Isolation	> 2000V
Relay life expectancy	operation 100.000
Output	Operational Relay (NO-NC) Nudding Relay (NO)
Power consumption	< 4W

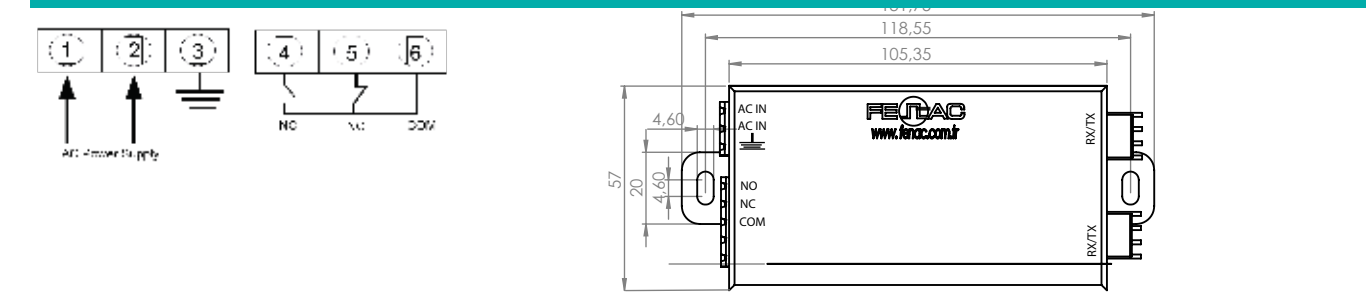
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Mechanical Drawing



All screws(M4*27 countersunk head self drilling screw) are included in the assembly kit.

Power Unit Connections & Dimensions



Door Detector Part Number

