Door Detector

FNC DD 36 Series



Features

- **EN81-20 compatable**
- **5 cm minimum object sensing**
- **Extremely dense protective field**
- **Wide operation range**
- **Robust operation range**
- **Simple mounting**
- **Vitually no alignment necessary**
- **Wide power supply range**
- **It can be installed in both static and dynamic locations.**
- **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 - Door Detector

Dimensions	12 x 28 x 2000 mm (C Profile) 12 x 31 x 2000 mm (L Profile)
Housing material	Aluminum
Detection range	0 - 4000 mm
Number of beams	174 Non-Parallel
Number of diodes	36
Detection height	1600 mm
Response time	300 ms
Operating temperature	-20...+65° C
Stroge temperature	-20...+85° C
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 Horizantal : ±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

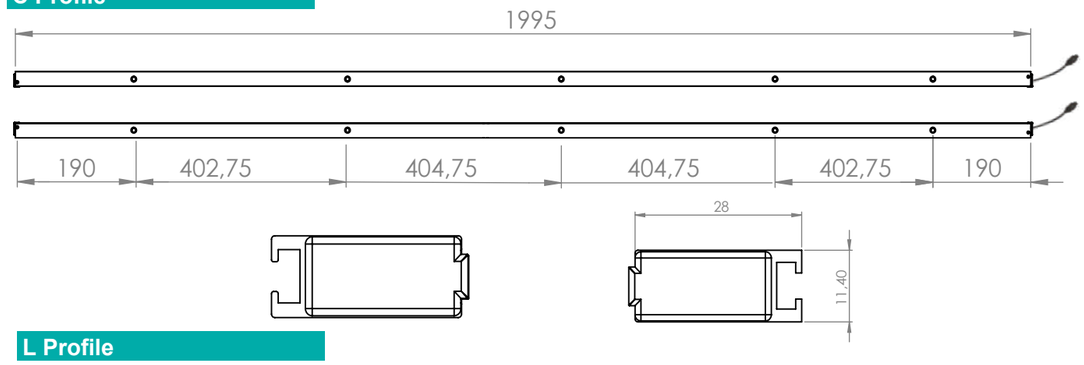
Door Detectors

Mechanical Dimensions

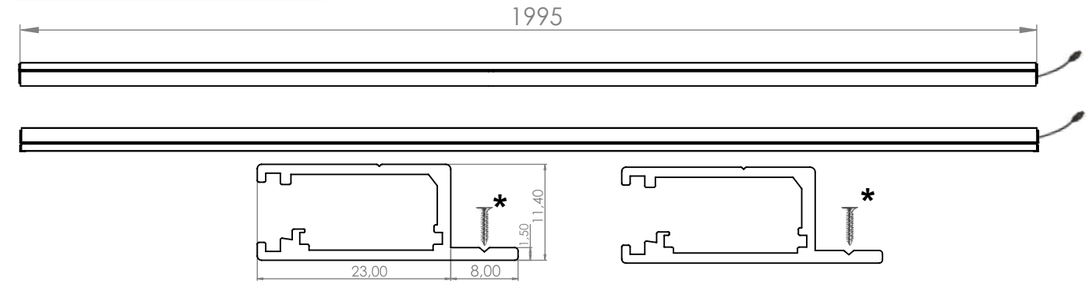
Part Number

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C Profile

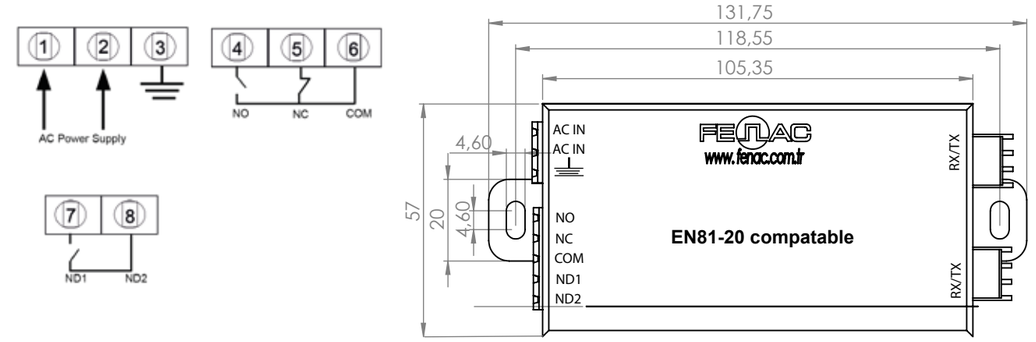


L Profile



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

Power Unit Connections & Dimensions



Door Detector Part Number

