

DATA SHEET

DOOR DETECTOR 03.G5.3D.206



Power supply (M3D)

Connecting cable '03.G5.UF12'

Tail

2D active protection height (APH)
20mm-1855mm

PH=2000mm

TX Sender

2D effective detecting distance (EDD)

RX Receiver

MD profile

2000

1805

1495

1075

655

235

0

5xØ3.20

310

420

420

420

235

Min. 5mm

Fixing point positions

3D detection distance

Door open distance

2D beams

3D beams

3D detection zone

Max 1.0m

ACTIVE 3D:
The 3D function is active when the door panels are more than 400 mm apart and an obstacle is detected in the 3D zone for less than 7 seconds, or less than 5 consecutive triggers of the 3D function.

ANTI-NUISANCE FUNCTION:
If the 3D function is triggered more than 5 times in sequence without the 2D function being triggered, it will temporarily disable the 3D function, leaving only the 2D detection active.

AUTO RE-SET:
The 3D system will reactivate again when the 2D beams are subsequently broken or when the door panels come within 200mm of one another as the passenger has entered the elevator and/or the door close cycle has been completed.

Beams	2D	194 beams
	3D	12 beams
Diodes	2D	40 diodes on TX and RX
	3D	33 diodes on TX and 12 diodes on RX
Protecting range	2D	APH 20-1855mm; EDD 0-3000mm
	3D	APH 200-1300mm; EDD 300-1000mm
2D lowest beam		20mm
2D uppermost beam		1855mm
Dist. between 2D diodes		47,50mm
Response time		100ms
Light immunity		50000lux
Alignment tolerance	Vertical:	±15mm (7°)
	Horizontal:	±3mm (5°)

Protection rating	IP54
Operating temperature	-20°C to +65°C
Signal output	Relay contact: 1 NO & 1 NC
Power consumption	<=3w
Power supply voltage	220VAC±15%, 50/60Hz
LEDs in receiver	Yellow Power indicator
Red 1	⚡ Beams interrupted or system fault
	⦿ Flash, 3D detection is activated
Red 2	⚡ Beams interrupted or system fault

Norms	EN 81-20 & EN 81-70
EMV - Emission	EN 12015
EMV - Immunity	EN 12016
QMS / EMS	ISO9001 / ISO14001

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