

DATA SHEET

DOOR DETECTOR 03.G5.UPF.174.1950



Active protection height (APH) 20mm-1665mm

Effective detecting distance (EDD)

Fixing point positions

Direct connection to door controller

COM2 (purple) To diagnostic

NC2 (orange) To diagnostic

COM1 (blue) To door open

NC1 (green) To door open

NO1 (yellow) To door open

24V (red) To power supply

0V (black) To power supply

NPN & PNP wiring

	NO	NC
NPN	Yellow to black Green not connected Blue is output	Green to black Yellow not connected Blue is output
PNP	Yellow to red Green not connected Blue is output	Green to red Yellow not connected Blue is output

Max. number of beams	174
Diodes	36
Effective detecting distance	0mm - 4000mm
Lowest beam (APH)	20mm
Uppermost beam (APH)	1665mm
Distance between diodes	47.50mm
Response time	100ms
Light immunity	Sunlight immune
Profile height (PH)	1950mm
Profile material	Aluminium
Protection rating	IP54
Operating temperature	-20°C to +65°C
Alignment tolerance	Vertical: +/- 15mm (7°) Horizontal: +/- 3mm (5°)

LEDs in receiver	Yellow	Power indicator
	Red	Beams interrupted or system fault
		Normal
Signal output	Relay contact: 1 NO & 1 NC Transistor output: NPN.NO / NPN.NC Transistor output: PNP.NO / PNP.NC	
Diagnostic output	Min. 1x diode set is redundant	
Power consumption	<=4w or 100mA@24VDC	
Power supply voltage	15VDC - 30VDC	
Norms	EN 81-20	
EMV - Emission	EN 12015	
EMV - Immunity	EN 12016	
QMS	ISO9001	
EMS	ISO14001	