Datasheet SANDOR PLUS SMA

Long Range IR barrier

Barrier created for long perimeters, with anti-corrosion anodized aluminum structure and polycarbonate screen with small dimensions and pleasant design. The typical application is on walls for facades or mounted on a pole using the accessories available for the protection of perimeters. The electronics and optics located inside are compatible with PARVIS MES SMA and MANA IR SMA and can be combined for mixed protections with the latter models. The Sandor PLUS SMA can be connected with the RS485 bus and managed by the ADEBUS system. Its range of action ranges from 1 to 100m and can be used in any type of perimeter by having internal receiving and transmitting optics that can be directed differently (up to 180 °) thus simplifying installation.

CHARACTERISTICS	
OUTDOOR RANGE	1- 100 m
INDOOR RANGE	1- 200 m
DOUBLE BEAMS OPTICS	AND with 35mm lens
PHOTODEVICES	Pulsed type beams with a wavelength of 950 nm
SYNCHRONIZATION	Wired / Optical
ALIGNMENT SYSTEM	SMA Technology
CALIBRATION	Parallel or Crossed
BEAMS CONFIGURATION	2-3-4 TX + 2-3-4 RX
TERMINAL COLUMN BEAMS CONFIGURATION	2-3-4 TX or 2-3-4 RX
OPTICS ANGLE REGOLATION	180° horizontal 20° vertical
DETECTION SYSTEM	OR- AND RANDOM on board or remote control
BEAM EXCLUSION	1° o 1° and 2° beam on board or remote control
ANTI CRAWLING FUNCTION	YES
INTERVENTION TIME REGOLATION	50-500ms via trimmer
CIRCUIT POWER SUPPLY	12V - 30Vdc
CIRCUIT CONSUME	From 135 mA to 150mA depending on the number of beams
HEATERS POWER SUPPLY	12V – 24Vac-cc
HEATER CONSUME	From 30W to 50W per column depending on the number of beams
WORKING TEMPERATURE	-25°C / + 70°C
OUTPUT: ALARM	Free contacts Relay NC
OUTPUT: TAMPER	Free contacts Relay NC
OUTPUT: FOG DISQUALIFICATION	Open Collector NA
OUTPUT: ANTIMASKING	Open Collector NA
OUTPUT: SERIAL RS485 (ONLY WITH WIRED SYNCRONIZATION)	Management remote control via ADEBUS
IP PROTECTION	IP54 / 65 (on demand)
DIMENSIONS LxPxH	60 mm x 60 mm from 500 to 4000 mm

ACCESSORIES

RS485 Control Panel **ADEBUS**

Wall fixing brackets **SAN-SD**

Pole or wall fixing brackets **SAN-PL**

Galvanized pole 1-2m **TB1-TB2 (49mm D)**

Pit **POB30**

Power supply for Pit **LAR18**

Backup battery for Pit **LAR B4**

Power supply **LAR22 S**