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Range 0,2 m to 6 m
 High resolution due to 81 beam
 No alignment needed
 Direct connection to 20 30 VDC
 Full scan 20 ms
 LED Function indicators
 Plug DIN connections M12
 T-Brackets mounting



CROSS BE AMS SEN SOR P N P NO O UTPUT

DESCRIPTION

The SAR-9 mini area sensor set has TX unit and RX unit.

TX is super stable 9 beam transmitter work with modulated IR lights 890 nm multiplex and control by a micro controller and synchronize with his matching receiver by IR port build in (no need of wiring from TX to RX).

The set has 9 true beams and 72 cross beams pitch detection can be low as 2mm (depend on object shape).

The units has a special cable 1.5 m long with molded M-12 connectors Din Standard.

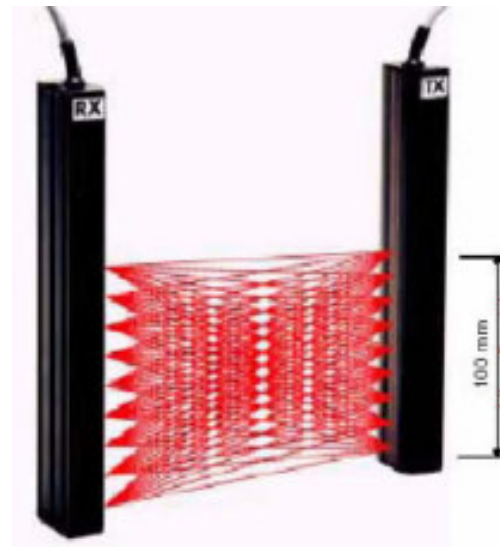
SAR 9 has a 100mm electronic protection height and a range from 0,2 to 6 meter.

No problem with contamination.

The unit been made for industrial surrounding and comply with the CE norms .

Special good to be use with:

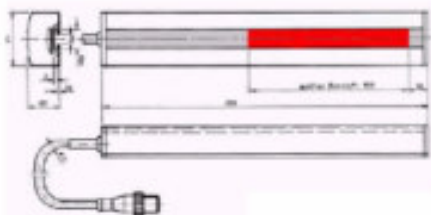
- Material handling
- Small conveyors
- Wood working machines (plank detection).
- Beverage
- Paper industry
- Cosmetic and food machinery .



ORDER CODES

NPN NO Output	PNP NO Output
SAR9NPNO	SAR9PNPNO
M12 connectors (2 pcs needed) to be ordered apart	

DRAWING



All technical data may be subject to modifications

CONNECTIONS

