

CABLES FOR SAFETY RADARS

C885P02M05-SBV

08000121 Radar Sensor 200 SERIES - IN side:

connector M12, female, 5 poles, A-coded, angled

90° OUT side: connector M12, male, 5 poles, A-coded, angled 90°



- Different lengths
- For sensor to sensor or sensor to controller connection
- Twisted pair

PRODUCT DESCRIPTION

Inxpect offers a range of sensor-to-sensor and control unit-to-sensor cables designed to ensure reliable and secure connections within its safety radar systems. The cable that connects the control unit to the first sensor features an M12, 5-pole connector on one end (for the sensor) and open wire ends on the other, which are connected directly to the terminal block of the control unit. For connecting multiple sensors in series, dedicated sensor-to-sensor cables are used, equipped with M12, 5-pole connectors on both ends. It is important to place a termination resistor in the last sensor of the chain to ensure proper signal integrity. There are two cable types available: a thinner, more basic version that is not twisted-pair, and a more robust, twisted-pair version designed for better resistance to electrical interference. When installing cables alongside other wiring harnesses that may emit electromagnetic noise, it is recommended to use the twisted-pair version to maintain optimal signal performance. To help ensure the correct cable type and length is selected for your setup, a detailed validation document is available for download on Inxpect's website under the accessories section.

TECHNICAL DATA

Cable length	5000 mm
Connection	2xM12 5-pin connector
Data	CANbus
IP class	IP67
Life span	20 years
MTTFd	40 years
Temperature range fixed use from	-30 °C