

OMRON OS32C SAFETY SCANNERS

Product Data Sheet

OS32C-CBSP1,OS32C-SN

safety laser scanner assembly

FUNCTION safety laser scanner assembly	FAMILY Omron OS32C safety scanners	ORIGIN Japan	WEIGHT 0.50 kg
---	---------------------------------------	-----------------	-------------------

Omron OS32C-CBSP1,OS32C-SN is a safety laser scanner assembly for the Omron OS32C safety scanners. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

OS32C with side location cable entry*1	OS32C-SP1
Cable length: 10 m	OS32C-CBL-10M
Cable length: 20 m	OS32C-CBL-20M
Cable length: 30 m	OS32C-CBL-30M
Cable length: 5 m	OS32C-ECBL-05M
Cable length: 15 m	OS32C-ECBL-15M
Protective cover for window	OS32C-BKT4
Sensor Type	Type 3 Safety Laser Scanner
Safety Category	Category 3, Performance Level d (ISO13849-1: 2006)
Detection Capability	Configurable; Non-transparent with a diameter of 30, 40, 50 or 70mm (1.8% reflectivity or greater)

ADDITIONAL PRODUCT DATA

Monitoring Zone	Monitoring Zone Set Count: (Safety Zone + 2 Warning Zones) x 70 sets
Operating Range	Safety Zone: 3.0 m (min. obj. resolution of 50 mm or 70 mm) 2.5 m (min. obj. resolution of 40 mm) 1.75 m (min. obj. resolution of 30 mm)
Maximum Measurement Error	100 mm*1
Detection Angle	270°
Angular Resolution	0.4°

OFFICIAL APPLICATIONS

- Robot Cell Access Protection for Safety Laser Scanner Assembly: Machine Safety Systems Robot loading zone scanners Body-transfer safety gates
- Warehouse Vehicle Protection Zones for Safety Laser Scanner Assembly: Material Safety Systems Automated guided vehicle paths Conveyor transfer access points
- Machine Loading and Inspection Areas for Safety Laser Scanner Assembly: Production Safety Systems Machine loading workstations Inspection cell access zones

SYSTEM COMPATIBILITY

Match OS32C-CBSP1, OS32C-SN to the installed Omron OS32C safety scanners, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Omron official product data sheet](#)

Manufacturer official PDF

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM