



Power Cable


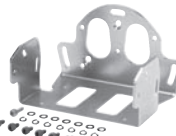




Appearance	Description	Model	Remarks
	Cable length: 3 m	OS32C-CBL-03M	One cable is required per sensor.
	Cable length: 10 m	OS32C-CBL-10M	
	Cable length: 20 m	OS32C-CBL-20M	
	Cable length: 30 m	OS32C-CBL-30M	

Ethernet Cable

Appearance	Description	Model	Remarks
	Cable length: 2 m	OS32C-ECBL-02M	Required for configuration and monitoring.
	Cable length: 5 m	OS32C-ECBL-05M	
	Cable length: 15 m	OS32C-ECBL-15M	

Note: An ethernet cable with an M12, 4-pin connector is required.

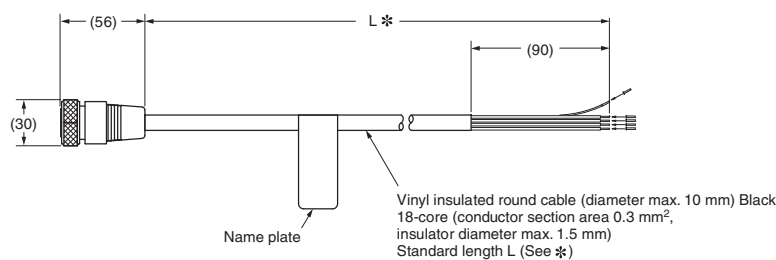
Mounting Brackets

Appearance	Description	Model	Remarks
	Bottom/side mounting bracket	OS32C-BKT1	Bottom/side mounting bracket x 1, unit mounting screws x 4 sets
	XY axis rotation mounting bracket	OS32C-BKT2	XY axis rotation mounting bracket x 1, unit mounting screws x 6 sets, bracket mounting screws x 1 set (must be used with OS32C-BKT1)
	Simple mounting bracket	OS32C-BKT3	Simple mounting brackets x 2, unit mounting screws x 4 sets *
	Protective cover for window	OS32C-BKT4	
	Mounting stand	OS32C-MT	When using a mounting stand, use an OS32C with side location cable entry (OS32C-SP1(-DM)). The OS32C with back location cable entry (OS32C-BP(-DM)) cannot be mounted. Use with mounting brackets (OS32C-BKT1 and OS32C-BKT2).
	Hardware kit for mounting stand	OS32C-HDT	Mounting screws x 3 sets Use this when mounting a bracket to the mounting stand.

* There are eight OS32C mounting screws: four screws for singular use, and four screws for protective cover for window.

Power Cable

OS32C-CBL-□□M

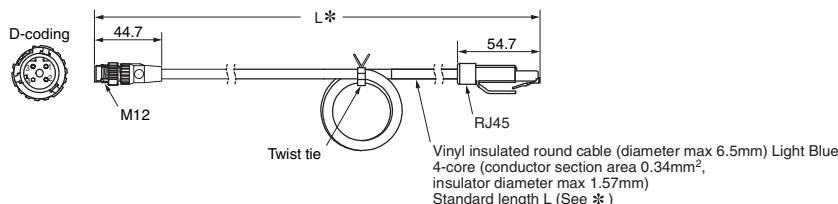


* Sizes are as below

Model Number	L
OS32C-CBL-03M	3 m
OS32C-CBL-10M	10 m
OS32C-CBL-20M	20 m
OS32C-CBL-30M	30 m

Ethernet Cable

OS32C-ECBL-□□M



* Sizes are as below

Model Number	L
OS32C-ECBL-02M	2 m
OS32C-ECBL-05M	5 m
OS32C-ECBL-15M	15 m

Safety Precautions

Description shown below is only a guideline to choose a safety laser scanner.

To use the product properly, you must read the instruction manual that comes with the product.

Legislation and Standards

1. Application of an OS32C sensor by itself cannot receive the type approval provided by Article 44-2 of the Labor Safety and Health Law of Japan. It is necessary to apply it as a system. Therefore, when using this product in Japan as a "safety system for presses and shearing machines" as prescribed in Article 42 of the Labor Safety and Health Law, the complete system must receive the type approval.

2. (1) This product is electro-sensitive protective equipment (ESPE) in accordance with European Union (EU) Machinery Directive Annex V, Item 2.

(2) This product complies with the following legislation and standards:

- | | |
|--|---|
| 1) EU legislation | Machinery Directive 2006/42/EC
EMC Directive 2014/30/EU
RoHS Directive
(2011/65/EC and EU 2015/863) |
| 2) European & International Standards | EN 61496-1 (Type 3 ESPE)
EN 62061
EN ISO 13849-1
IEC 61496-3 (Type 3 AOPDDR)
IEC 61508, Parts 1-7 (SIL-2)
EN 60204-1 |
| 3) North American Standards: per UL File E241445, US and C-UL approvals (CNN: NIPM/NIPM7). | |



- ANSI/UL 508 (Industrial Control Equipment)
- ANSI B11.19
- ANSI/RIA R15.06
- NFPA 79
- Code of Federal Regulations CFR29
- IEC 61496-1 (Type 3 ESPE)
- IEC 61496-3 (Type 3 AOPDDR)
- UL 1998 (Software in Programmable Components)
- IEC 61508 (Functional Safety of Electrical/Electronic/Programmable Electronic Safety-Related Systems)

- IEC 61508-3 (Functional Safety of Electrical/Electronic/Programmable Electronic Safety-Related Systems - Part 3: Software Requirements)
 - CAN/CSA-C22.2 No. 14 (Industrial Control Equipment)
 - CAN/CSA-C22.2 No. 0.8 (Safety Functions Incorporating Electronic Technology)
- 4) JIS standards JIS B 9704-1
 JIS B 9704-3 (Type3 ESPE)
- (3) This product received the following approvals from TÜV Rheinland of the EU.
- EC Type-Examination in accordance with the EU Machinery Directive,
Type 3 ESPE (IEC61496-1),
Type 3 AOPDDR (IEC61496-3)

Safety Precautions

The Alert symbols and their meanings ensure safe use of the products

In order to use the OS32C safely, the precautions listed in this manual are indicated by alert symbols. The descriptions must be followed, failure to follow all precautions and alerts may result in an unsafe installation or operation. The following indications and symbols are used.

 WARNING	Indicates a potentially hazardous situation which, if not avoided, will result in minor or moderate injury, or may result in serious injury or death. Additionally there may be significant property damage.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, will result in minor or moderate injury, or there may be property damage.