

Safety Laser Scanner OS32C

OS32C Safety Laser Scanner Featuring the World's Most Compact Level Size (104.5 mm), Low Power Consumption (5 W) and Lightweight (1.3 kg).





- Type 3 Safety Laser Scanner complies with IEC61496-1/-3.
- 70 sets of safety zone and warning zone combinations are available, supporting complicated changes in working environments.
- A safety radius up to 3 m and warning zone(s) radius up to 10 m can be set.
- 8 Individual Sector Indicators and various LED indications allow the user to determine scanner status at a glance.
- The Configuration Tool makes complex zone combinations easy.
- Provides a safety circuit of Performance Level d and safety category 3 (ISO13849-1) without a dedicated controller.
- The response time is configurable from 80 ms to a maximum of 680 ms.
- Provides integrated management via Ethernet.
- Reference Boundary Monitoring function prevents unauthorized changes in the scanner position.
- Minimal down time, sensor block can be replaced without the need to reprogram.



 Refer to "Safety Precautions" on page 16.


Ordering Information

OS32C (Power cable is sold separately.)


| Appearance | Description | Model | Remarks |
|---|--|-----------|--|
|  | OS32C with back location cable entry | OS32C-BP | CD-ROM (Configuration software) OS supported: Windows 2000, Windows XP, Windows Vista |
|  | OS32C with side location cable entry * | OS32C-SP1 | |

* For OS32C-SP1, each connector is located on the left as viewed from the back of the I/O block.

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.