



OS32C-BP-DM

Safety laser scanner, measurement and EtherNet/IP, OS32C, safety radius 3 m, warning zone 10 m, PLd & Cat 3 (ISO 13849-1), Ethernet, 24 VDC, back location cable exit

Specifications

Type of safety according to IEC 61496-1	3
Maximum safety range	3 m
Maximum warning range	10 m
Communication port(s)	EtherNet/IP
Cable entry direction	Back
Type of switching output of the OSSD	PNP
Connection method	Pigtail connector
Key features	Configurable object resolution of 30, 40, 50 or 70 mm, Manual/auto start, Reference boundary monitoring
Type of protection	Hand protection
Detection capability	70 mm
Suitable for safety functions	✓
Scan angle	270 °
Scanning interval	0.4 Hz
Response time	80 ms
Number of safety fields	140
Wavelength of the sensor	905 nm
Number of protected semiconductor outputs	2
Number of semiconductor outputs with signalling function	2
Laser protection class	Class 1
Supply voltage DC	16.8-30 V
Voltage type	DC
Max. output current at protected output	250 mA

Degree of protection (IP)	IP65
With alert field output	✓
Ambient temperature	-10-50 °C
Overall length of sensor	143 mm
Height of sensor	105 mm
Width of sensor	105 mm

Accessories



OS32C-BKT1

Bottom/side mounting bracket + unit mounting screws



OS32C-BKT2

Accessory safety, laser scanner mounting kit, XY rotational mounting, must be used with OS32C-BKT1



OS32C-BKT3

Simple mounting brackets x 2 + mounting screws



OS32C-BKT4

Safety laser scanner protective cover for window



OS32C-CBL-03M

Safety laser scanner power and I/O cable, 3m



OS32C-CBL-10M

Safety laser scanner power and I/O cable, 10m



OS32C-CBL-20M

Safety laser scanner power and I/O cable, 20m



OS32C-ECBL-02M

Ethernet cable, for configuration and monitoring, 2 m



OS32C-ECBL-05M

Ethernet cable, for configuration and monitoring, 5 m



OS32C-ECBL-15M

Ethernet cable, for configuration and monitoring, 15 m

WIN-CLN-KT

Accessory safety, cleaning kit



OS32C-SN-DM

Safety laser scanner with measurement data, replacement sensor block



OS32C-WIN-KT

Accessory safety, laser scanner, spare for replacement, Scan window

CAD Library



EAC Mark removal Discontinuation Notice

EN PDF 221 KB



Machine Safety Catalogue

EN PDF 9.91 MB



Machine Safety Solution Brochure

EN PDF 2.86 MB



OS32C Users Manual

EN PDF 15.9 MB



OS32C Brochure

EN PDF 4.18 MB



OS32C Configuration Tool v2.2.8 Software

EN ZIP 3.57 MB



OS32C Quick Reference Guide Instruction Sheet

EN PDF 550 KB



OS32C Safety Laser Scanner Datasheet

EN PDF 863 KB



OS32C-DM Users Manual

EN PDF 2.28 MB



OS32C-DM EtherNet IP Software Examples Software

EN ZIP 1.96 MB



OS32C_EIP_V2.21_EDS EtherNet/IP EDS file

EN ZIP 31.4 KB



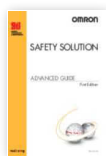
PLC Function Blocks Function Block

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Safety Component Selection Guide EU Brochure

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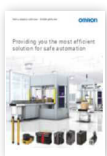
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