



Main

Range of product	OsiSense XG
Product or component type	Connection Ethernet box
Device short name	XGSZ33
Number of channels	3
Communication port protocol	Modbus TCP/IP
Associated smart antenna	XGCS49 XGCS89
Electrical connection	1 male connector M12 4 pins for power supply (A coding) 3 female connectors M12 5 pins for stations XGCS (A coding) 1 connector M12 4 pins for Ethernet network (D coding)
[Us] rated supply voltage	24 V DC conforming to Protective Extra Low Voltage

Complementary

Bus conformity class	A10
Supply voltage limits	19.2...29 V DC
Power consumption	< 1 W
Status LED	1 LED (green) for Ethernet network activity 1 LED (green) for supply on 1 LED (red) for collision detection 1 LED (red) for fault 1 LED (yellow) for diagnostics
Communication service	Modbus messaging
Register words	1...123 words
Port Ethernet	100BASE-TX 10BASE-T
Transmission support medium	Ethernet cable
Transmission rate	10/100 Mbit/s
Marking	CE
Product weight	1.06 kg

Environment

Product certifications	UL
Ambient air temperature for operation	0...70 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	30...95 %
IP degree of protection	IP65
EMC filter	Class B EMC filter conforming to EN 55022 Level 3 EMC filter conforming to IEC 61000

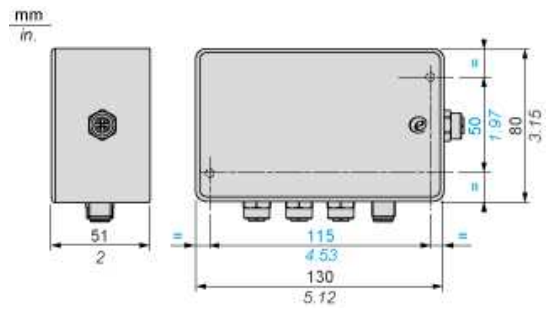
The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0824 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Dimensions

Connection Boxes



Wiring Diagram

Ethernet Connections

Socket to Smart Antenna Cabling



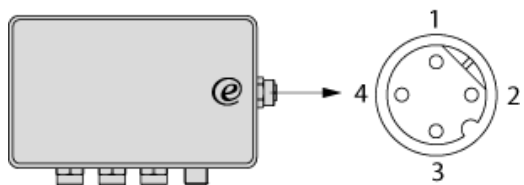
Pin no.	Signal
1	Earth
2	+ 24 VDC
3	0 V
4	D0
5	D1

Socket to Power Supply Cabling

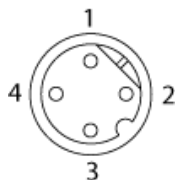


Pin no.	Signal
1	+ 24 VDC
2	+ 24 VDC
3	0 VDC
4	0 VDC

Socket to Ethernet connection



Socket to Ethernet cabling (M12 connectors)



Pin no.	Signal
1	TD+
2	TD-
3	RD+
4	RD-