

XGSZ33PDP

Connection Profibus box, Radio frequency identification XG, DP, 3 channels for XGCS smart antennas



Main

Range of product	Telemecanique Radio frequency identification XG
Product or component type	Connection Profibus box
Device short name	XGSZ33
Number of channels	3
Communication port protocol	Profibus DP V1
Associated smart antenna	XGCS49 XGCS89
Electrical connection	1 female connector M12 4 pins for PC connection (A encoding) 1 female connector M12 5 pins for network output (B encoding) 1 male connector M12 4 pins for power supply (A encoding) 1 male connector M12 5 pins for network input (B encoding) 3 female connectors M12 5 pins for stations XGCS (A encoding)
[Us] rated supply voltage	24 V DC conforming to Protective Extra Low Voltage

Complementary

Supply voltage limits	21.6...26.4 V DC
Maximum power consumption in W	2.5 W
Status LED	Diagnostics: 1 dual color LED (red/green) RFID communication: 1 dual color LED (red/green) Communication network: 1 LED (green) Diagnostics: 1 LED (red)
Communication service	Cyclical variable exchange
Register words	1...49 words
Transmission support medium	2 twisted shielded pairs cable
Transmission rate	9.6 kbit/s...12000 kbit/s
Marking	CE
Net weight	1.06 kg

Environment

Product certifications	Profibus
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-25...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.

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.005 kg
Package 1 Height	7.2 cm
Package 1 width	16.2 cm
Package 1 Length	24 cm
Unit Type of Package 2	S03
Number of Units in Package 2	3
Package 2 Weight	3.583 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

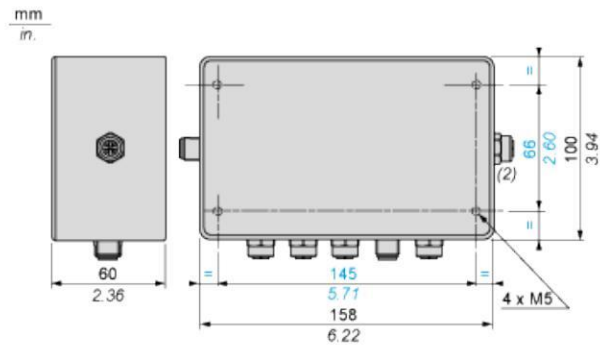
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Dimensions

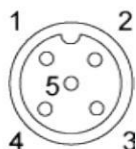
Connection Boxes



Wiring Diagram

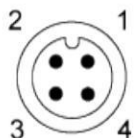
PROFIBUS-DP Connections

Socket to Smart Antenna Cabling



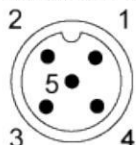
Pin no.	Signal
1	Earth
2	+ 24 VDC
3	0 V
4	D0
5	D1

Socket to Power Supply Cabling

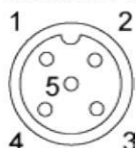


Pin no.	Signal
1	+ 24 VDC
2	+ 24 VDC
3	0 V
4	0 V

PROFIBUS-DP network connections (Input)



PROFIBUS-DP network connections (Output)



Pin no.	Signal	Description
1	VP	Line terminator polarization
2	RxD/TxD-N	Receive/transmit data (-) (red wire)
3	DGND	GND PROFIBUS
4	RxD/TxD-P	Receive/transmit data (+) (green wire)
5	Shielding	Shielding or earth
Connector casing	Shielding	Shielding or earth