XGSZ33PDP

Connection box Profibus DP - 3 channels for XGCS smart antennas

Green Premium™ Product

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	OsiSense 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	XGCS89 XGCS49
Electrical connection	1 female connector M12 4 pins PC connection (A encoding) 1 female connector M12 5 pins network output (B encoding) 1 male connector M12 4 pins power supply (A encoding) 1 male connector M12 5 pins network input (B encoding) 3 female connectors M12 5 pins 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
Power consumption in W	< 2.5 W
Status LED	1 dual color LED (red/green) diagnostics 1 dual color LED (red/green) RFID communication 1 LED (green) communication network 1 LED (red) diagnostics
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
Product weight	2.34 lb(US) (1.06 kg)

Environment

Product certifications	Profibus
Ambient air temperature for operation	32...131 °F (0...55 °C)
Ambient air temperature for storage	-13...185 °F (-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

Ordering and shipping details

Category	22491 - SENS,IDENTIFICATION DEVICE (XGK)
Discount Schedule	DS2
GTIN	003389119041775
Nbr. of units in pkg.	1
Package weight(Lbs)	2.3300000000000001
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0824 - Schneider Electric declaration of conformity [↗]Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

Dimensions

Connection Boxes

mm
in.
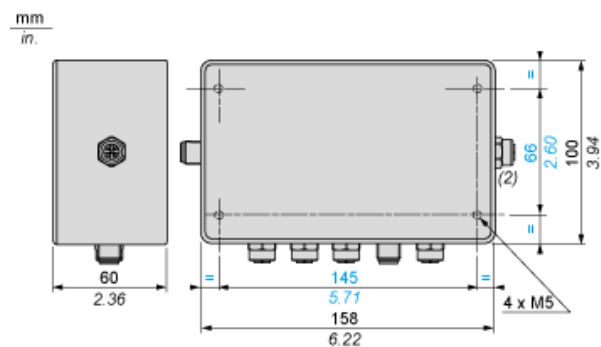
Wiring Diagram

PROFIBUS-DP Connections

Socket to Smart Antenna Cabling
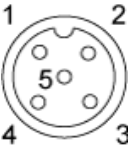
Pin no.	Signal
1	Earth
2	+ 24 VDC
3	0 V
4	D0
5	D1

Socket to Power Supply Cabling

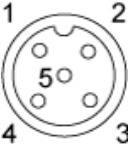| Pin no.	Signal
1	+ 24 VDC
2	+ 24 VDC
3	0 V
4	0 V

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

Life Is On | Schneider Electric

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric](#):

  [XGSZ33PDP](#)