

# TCSAMT31FP

Connection tap off box, Radio frequency identification XG, 3 RFID station to Modbus or UNI TELWAY, M12



## Main

Range of Product	Telemecanique Radio frequency identification XG
Product or Component Type	Connection tap-off box
Device short name	TCS
Number of Channels	3
Communication Port Protocol	Modbus Uni-Telway
Associated smart antenna	XGCS49 XGCS89
Electrical connection	1 female connector M12 5 pins network output A coding) 1 male connector M12 4 pins power supply A coding) 1 male connector M12 5 pins A coding) 3 female connectors M12 5 pins stations XGCS A coding)
[Us] rated supply voltage	24 V DC Protective Extra Low Voltage

## Complementary

Supply voltage limits	19.2...29 V DC
Status LED	Supply on 1 LED green)
Marking	CE
Product Weight	2.34 lb(US) (1.06 kg)

## Environment

Product Certifications	UL
Ambient Air Temperature for Operation	-13...131 °F (-25...55 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative humidity	30...95 %
IP Degree of Protection	IP65
EMC filter	Class B EMC filter EN 55022 Level 3 EMC filter IEC 61000

## Ordering and shipping details




Category	22490-SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	3389119021333
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.76 in (7.0 cm)
Package 1 Width	6.54 in (16.6 cm)
Package 1 Length	9.06 in (23.0 cm)
Package 1 Weight	29.28 oz (830.0 g)

Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	16.61 lb(US) (7.532 kg)

### Offer Sustainability

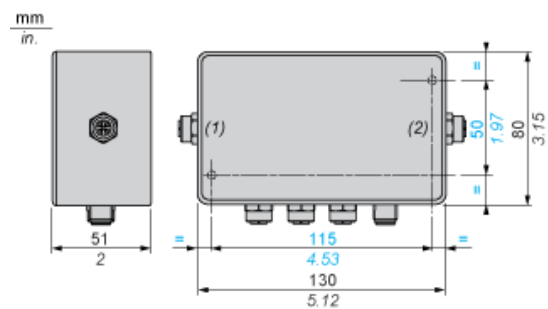
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>

### Contractual warranty

Warranty	18 months
----------	-----------

## Dimensions

### Connection Boxes

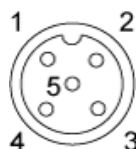


- (1) In  
(1) Out

## Wiring Diagram

### Modbus Connections

Socket to Smart Antenna Cabling



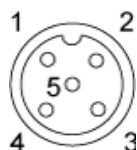
Pin no.	Signal
1	Drain (Modbus-SHLD)
2	+ 24 VDC
3	0 V/Modbus-GND
4	D0
5	D1

Socket to Power Supply Cabling



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

Socket to Another Connection Box Cabling



Pin no.	Signal
1	Drain (Modbus-SHLD)
2	-
3	0 V/Modbus-GND
4	D0
5	D1

Socket to Automation Platform Cabling



Pin no.	Signal
1	Drain (Modbus-SHLD)
2	-

Pin no.	Signal
3	0 V/Modbus-GND
4	D0
5	D1