

# **DTWRX**

## TELEMETRY DATA RECEIVER FOR WIPER AND WASHER REMOTE CONTROL





# DESCRIPTION

The DTWRX receiver is an optional board for remote control of wiper and washer pump. It works only with WASPT pump series, where it can be easily installed thanks to its connector. It allows the control of wiper and washer functions when the housing is stand-alone, not mounted on a P&T and then without telemetry receiver.

# MAIN FEATURES

Remote control of wiper and washer pump of WASPT series in stand-alone housings

RS-485 communication

Remote controllable up to 1200m (3937ft) from the control keyboard



## **TECHNICAL DATA**

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2 functions: WIPER, WASHER

31 selectable addresses through DIP switch

Serial input RS-485

2 status LED: Stand-by and receiver control

#### MECHANICAL

Dimensions: 43x56x13mm (1.7x2.2x0.51in)

Unit weight: 0.02kg

#### **ELECTRICAL**

Power consumption: 0.5W

#### **SERIAL COMMUNICATIONS**

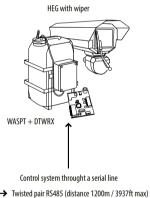
Half duplex RS-485 serial interface for keypad telemetry data reception (maximum distance 1200m/3940ft) and from SM matrix range (maximum distance 1200m/3940ft) Protocols:

- PELCO D (2400, 9600 baud)
- VIDEOTEC MACRO (9600, 38400 baud)

## **ENVIRONMENT**

For installation indoors and outdoors

Operating temperature: from -25°C up to +60°C



#### CERTIFICATIONS

Electrical safety (CE): EN60950-1

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, FCC Part 15 (Class B)

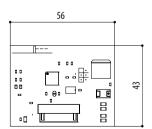
**EAC** certification

RELATED PRODUCTS				
DCTEL	Matrix and telemetry control keyboard			
DCJ	Keyboard for video and telemetry control			
HEG	Large-sized housing			
HOV	Side-opening aluminium housing			
NXM	Housing for installation in aggressive environments			
NXL	Large housing for aggressive environments			
WASPTOV5L5M00	Water tank 5I (1 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac			
WASPT0V23L5M00	Water tank 23I (6 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac			
WASPT0V23L11M00	Water tank 23I (6 gal), pump with delivery up to 11m (36ft) with water floating, IN 230Vac-24Vac-120Vac			
WASPT1V23L30M00	Water tank 23I (6 gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac			
WASPT3V23L30M00	Water tank 23I (6 gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac			

PACKAGE					
Model Number	Weight	Dimensions (WxHxL)	Master carton		
DTWRX	-	8.5x5.5x11.5cm (3.4x2.2x4.5in)	-		

# **TECHNICAL DRAWINGS**

The dimensions of the drawings are in millimetres.



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