

XWP10 series

Explosion protected pressure washer tank



Overview

The XWP10 series pressurised washer tank is designed specifically for use with XF, XT and XP Series explosion-protected camera stations where the integral washer pump has not been specified.

The XWP10 series can be manually pressurised to 3.5 bar for a maximum head height of 20 meters* and features an EXD solenoid release valve that can be switched independently or via the telemetry receiver card contained within the camera station housing.

The casing is constructed from 316L stainless steel for maximum corrosion protection optimised for use with cameras stations located in onshore, offshore, marine and heavy industrial environments.

The XWP10 series pressurised washer tank can also be used with third party housings subject to compatibility.

*Measured using water a 20°C, supplied with 10m hose

Features

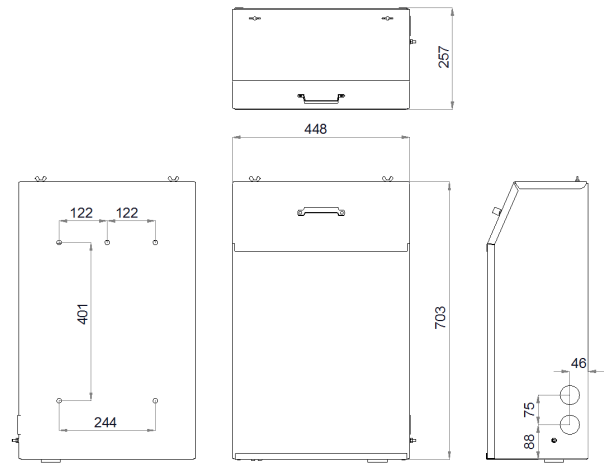
- EXD certified solenoid assembly
- IP67 ingress protected solenoid
- Onshore, offshore, marine & heavy industrial applications
- For use with XF , XT & XP series camera stations
- 316L stainless steel case construction
- Available for use with third party housings



Certifications

ATEX	II 2 GD Ex d IICT4 Gb $\leq -60^{\circ}\text{C}$ to $+100^{\circ}\text{C}$ Ex t IIIC T130°C Db IP6x On Request: T5 $\leq -60^{\circ}\text{C}$ to $+75^{\circ}\text{C}$, T6 $\leq -60^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ On request: T95°C $\leq -60^{\circ}\text{C}$ to $+75^{\circ}\text{C}$, T80°C $\leq -60^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ Certificate: DNV 12 ATEX 112883X
IECEX	Exd IIC T4 Gb $\leq -60^{\circ}\text{C}$ to $+100^{\circ}\text{C}$ Ex t IIIC T130°C Db IP6x On Request: T5 $\leq -60^{\circ}\text{C}$ to $+75^{\circ}\text{C}$, T6 $\leq -60^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ On request: T95°C $\leq -60^{\circ}\text{C}$ to $+75^{\circ}\text{C}$, T80°C $\leq -60^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ Certificate: IECEX DNV 13.0006X
INMETRO	Exd IIC T4 Gb -60°C to $+100^{\circ}\text{C}$ Ex tb IIIC T130°C Db IP6x On Request: T5 $\leq -60^{\circ}\text{C}$ to $+75^{\circ}\text{C}$, T6 $\leq -60^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ On request: T95°C $\leq -60^{\circ}\text{C}$ to $+75^{\circ}\text{C}$, T80°C $\leq -60^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ Certificate: CEPEL 08.1717X
TR CU EAC	Exd IIC T4 Gb X $\leq -60^{\circ}\text{C}$ to $+100^{\circ}\text{C}$ Ex tb IIIC T130°C Db X On Request: T5/T6 $\leq -60^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ On request: T95°C/T80°C $\leq -60^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ Certificate: RUC-IN.T508.B.01100

General arrangement drawing (all dimensions in mm)



Specifications

General	
Application	Onshore, offshore, marine and heavy industrial
Part number	XWP10I-24 INMETRO/IECEX certified XWP10R-24 TR CU/IECEX certified XWP10AI-24 ATEX/IECEX certified
Ingress protection rating	Solenoid valve: IP67
Features	
Pressure gauge	Standard
Capacity	10 litres
Head height	Up to 20m at 3.5 bar pressure (Measured using pure water at ambient 20°C. Units supplied with 10m of hose)
Electrical	
Solenoid voltage	24VAC/DC
Power consumption	Max 8 watts
Mechanical	
Construction	316L stainless steel
Mounting options	Free standing or wall mount
Cable entry	3 X M40 grommet entries, 2 side and 1 bottom
Operating temp	-20°C to $+60^{\circ}\text{C}$
Weight	Max 27Kg (full)
Size	703 x 448 x 257 mm $\pm 5\%$