

EX WP10

10 litres pressurized water tank in 316L cabinet

DESCRIPTION

The EX-WP10 is a 10-litre pressurized water tank in combination with an ATEX solenoid valve for hazardous areas. The tank is specially designed for Siqura's EX-FIX and EX-PTZ camera stations with wash/wiper for use in onshore, offshore, marine, and heavy industrial environments. The cabinet protecting the tank is constructed from 316L stainless steel for maximum corrosion protection.

FEATURES

Stainless steel 316L cabinet

Choice of ATEX/IECEX/INMETRO rated valves

10 litre pressurized tank

Max. 4 bar up to 30 m delivery height

Controlled direct by the camera (24 Vac)

10 m antistatic polyurethane hose included



Description

The Siqura EX-WP10 water tank is manually pressurized by a hand-pump. Pressurized up to 4 bar the delivery height is 30 meters, controlled by one of the two 24 Vac ATEX /IECEx rated solenoid valves. The water tank is made from high-grade components, suited for clean water or a mix with plain alcohol. No detergents should be added.

Specifications			
Washer tank	EX-WP10 Ex e (EoL)	EX-WP10 Ex d	EX-WP10 Ex d 24-IN
Certificate	ATEX	ATEX, IECEx	INMETRO
Solenoid certification	II 2G Ex em IIC T4 Gb	II 2G Ex d IIC T6 Gb	II 2G Ex d IIC T4 Gb
	II 2D Ex t ...	II 2D Ex tb ...	II 2D Ex tb ...
	... IIIC T135°C Db IP67	... IIC T135°C Db IP66/67	... IIIC T135°C Db IP66
	Tamb:-40°C to +60°C	Tamb:-60°C to +60°C	-40°C to +60°C
Cable entry	Integral strain relief	1/2" NTP	1/2" NTP
	(Cable diameter 7~8,5mm)	(Cable gland not included)	(Cable gland not included)
Power consumption	3.5 VA	5.7 VA	5 VA
Features			
Capacity	10 l		
Maximum delivery height	30 m at 4 bar pressure		
Maximum operating pressure	4 bar		
Washing cycles @ 4 bar	200 to 500 (depends on water level, camera height)		
Electrical			
Supply voltage	24 Vac 50/60 Hz (Control voltage supplied by camera housing)		
Electrical connections	Internal terminal block for control power (solenoid)		
Environmental			
Operating temperature	+4 °C to +60 °C (Clear water)		
	-9°C to 30°C (20% Ethanol)		
Mechanical			
Cabinet material	316L Stainless steel		
Hose material	Black antistatic plastic		
Weight	Empty: 16 kg (35 lbs); Full: 26 kg (57 lbs)		
Ordering information			
EX-WP10 Ex e	10 liters pressurized water tank, 316L cabinet, Ex e (T4) - EoL		
EX-WP10 Ex d	10 liters pressurized water tank, 316L cabinet, Ex d (T6)		
EX-WP10 Ex d-IN	10 liters pressurized water tank, 316L cabinet, Ex d (INMETRO)		
EX-MK WP10	EX-WP10 maintenance kit: filter, 10m hose, nozzle, seals and screws		

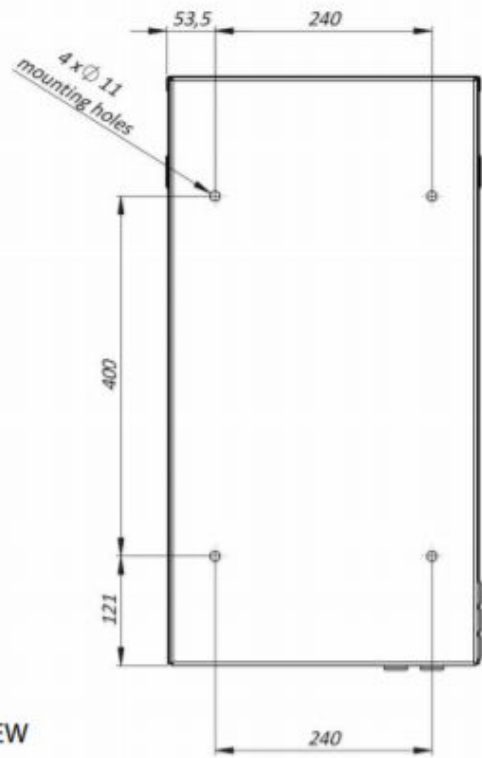
FRONT VIEW



SIDE VIEW



MOUNTING PATTERN



INTERNAL FRONT VIEW

