



### WHEN SAFETY AND PERFORMANCE MATTERS

#### PRODUCT BRIEF

The AXWS-10 pressurized washer system with integral explosion proof solenoid valve & pressure gauge has been developed for use with AVEX or third party camera stations in hazardous area locations as well as outdoor and general areas, making it ideally suited for use in the industrial, offshore & marine industries.

The AXWS-10 pressurized washer system enables remote washing of the camera station glass windows.

The fluid tank is manually pressurized and incorporates a built-in pressure gauge. The wash fluid is released by activation of the ATEX/IECEx approved integral solenoid valve. An important feature of the AXWS-10 design is the “Y” strainer, which filters and prevents any dirt in the water from entering and clogging up the solenoid valve, ensuring long lasting and smooth operation of the system.

The explosion proof solenoid valve can be activated remotely via the camera telemetry receiver or manually via a ON/OFF switch supplied by customer. The explosion proof solenoid coil can be supplied in different voltages according to site power availability.

#### IMPORTANT NOTE

Only the Solenoid is ATEX/IECEx certified. The other components of the AXWS Series washer systems are only hardware and do not contain any potential ignition sources. As such, only a copy of the ATEX & IECEx certificate for the solenoid will be provided with the washer system.

#### SPECIFICATIONS

Solenoid Certification	ATEX II 2 G Ex e mb II T4/T5 Gb IECEx Ex e mb IIC T4/T5 Gb
Solenoid Ingress Protection	IP65 (Solenoid only)
Cabinet Material	Stainless Steel 316L
Solenoid Voltage	200VDC / 230VAC, 110VDC/AC, 48VDC/AC, 24VDC/AC (Please specify voltage & 50Hz or 60Hz when ordering)
Ambient Temperature	-20°C to +60°C
Max Fluid Temperature	+60°C
Power Consumption	10W AC/DC
Head Height	10 meters
Cabinet Dimensions	W300 x D300 x H745 mm
Weight (Unit/Ship)	21Kg / 22Kg

#### FEATURES

- Stainless Steel 316L cabinet
- Stainless Steel 10 Liter Pressurized Tank with Pressure Gauge
- ATEX / IECEx Approved Solenoid
- Designed for use in almost any Marine and Industrial applications in hazardous or general area locations
- Suitable for use with water and anti-freeze additives
- Valve filter for long lasting maintenance free smooth operation

AVEX CCTV's AXWS-10 Explosion proof Pressurized CCTV Washer System provides safe and reliable camera window washing in **ATEX & IECEx Zone 1 & 2** areas.