



Washer Pump with EX-Proof Solenoid Valve



IP66



WASEX

WASEX

DESCRIPTION

The WASEX washer pump is an important element for effective video surveillance in hazardous areas because it guarantees sharp images in all environmental conditions and reduces the need for maintenance.

The WASEX system is designed for the MAXIMUS series and is also compatible with third-party products.

The kit includes a stainless steel 10-litre tank with certified explosion-proof solenoid valve, controlled by the telemetry of the MAXIMUS products or by a manual electrical contact.

The WASEX product is Lloyd's Register Type Approval System Test Specification Number 1 certified and therefore can be used in Marine and Offshore applications for environmental categories ENV1, ENV2, ENV3 and ENV5

CERTIFICATIONS



MAIN FEATURES

Delivery head up to 20m

Water tank capacity: 10l (2.6gal)

Suitable for MAXIMUS series or with third-party products

Power supply in 24Vac/dc, 5W max

Specifications

TECHNICAL DATA

GENERAL

Enclosure made of stainless steel AISI 316L
Water delivery pipe supplied

MECHANICAL

Pressure: 4bar max
Delivery head: 20m (66ft)
Pipe material: Antistatic plastic
Water tank capacity: 10l (2.6gal)
1 1/2" NPT hole for cable entry
Dimensions (WxHxL): 429x697x255mm (16.9x27.4x10in)
Unit weight: 18kg (40lb)

ELECTRICAL

Power supply: 24Vac or 24Vdc, 50/60Hz
Consumption: 5W

ENVIRONMENT

For installation indoors and outdoors
Operating temperature of solenoid valve: From -40°C (-40°F) up to +60°C (140°F)
Operating temperature of device: depending on the solidification temperature of the liquid

CERTIFICATIONS

Lloyd's Register Marine Type Approval
• Test Specification Number 1:2015 (ENV1, ENV2, ENV3, ENV5)

EAC EX:

- 1 Ex d IIC T4 Gb X, IP66 -40°C/+60°C
- Ex tb IIIC T130°C Db X, IP66 -40°C/+60°C

Solenoid valve:

ATEX (EN 60079-0: 2012+A11: 2013, EN 60079-1: 2014, EN 60079-31: 2014)

- ☞ 2 II GD Ex d IIC T6 or T5 or T4 Gb
Ex tb IIIC T80°C or 95°C or T130°C Db IP66
Tamb -40°C to +35°C or +50°C or +60°C

INMETRO

- Ex d IIC T4 Gb IP66
- Ex tb IIIC T135°C Db IP66
- Tamb -40/+60°C (-40°F / +140°F)

EAC EX:

- 1 Ex d IIC T4 Gb X
- Ex tb IIIC T130°C Db X, IP66 -40°C/+60°C

PART NUMBER

WASEX2T4AT	Tank 10l (2.6gal) with integrated manual pump controlled by ATEX certified solenoid valve, delivery head up to 20m (66ft) max, IN 24Vac/Vdc
WASEX2T4GOR	Tank 10l (2.6gal) with integrated manual pump controlled by EAC EX certified solenoid valve, delivery head up to 20m (66ft) max, IN 24Vac/Vdc
WASEX2T4IN	Tank 10l (2.6gal) with integrated manual pump controlled by INMETRO certified solenoid valve, delivery head up to 20m (66ft) max, IN 24Vac/Vdc

ACCESSORIES

OCTEX1/2C	Cable gland in nickel-plated brass EX 1/2" NPT, unarmoured cable IECEX-ATEX-EAC Ex
OCTEXS1/2C	Cable gland in nickel-plated brass EX 1/2" NPT, unarmoured cable IECEX-ATEX-EAC Ex
OCTEXB1/2C	Barrier cable gland in nickel-plated brass EX 1/2" NPT, unarmoured cable IECEX-ATEX-EAC Ex
OCTEXA1/2C	Cable gland in nickel-plated brass EX 1/2" NPT armoured cable IECEX-ATEX-EAC Ex

For further details about cable glands part numbers, please refer to the relevant table.

SPARE PARTS

OWEXELE24	Solenoid valve 24Vac/dc, ATEX certified
OWEXELE24GOR	Solenoid valve 24Vac/dc, EAC Ex certified
OWEXELE24INM	Solenoid valve 24Vac/dc, INMETRO certified
OWEXTANK	Pump in stainless steel, 10l (2.6gal)
OWEXTUB	Water pipe, 20m (66ft)

BRACKETS AND ADAPTORS

NXCOL	AISI 316L stainless steel pole adapter module
NXCW	AISI 316L stainless steel corner adapter module

PACKAGE

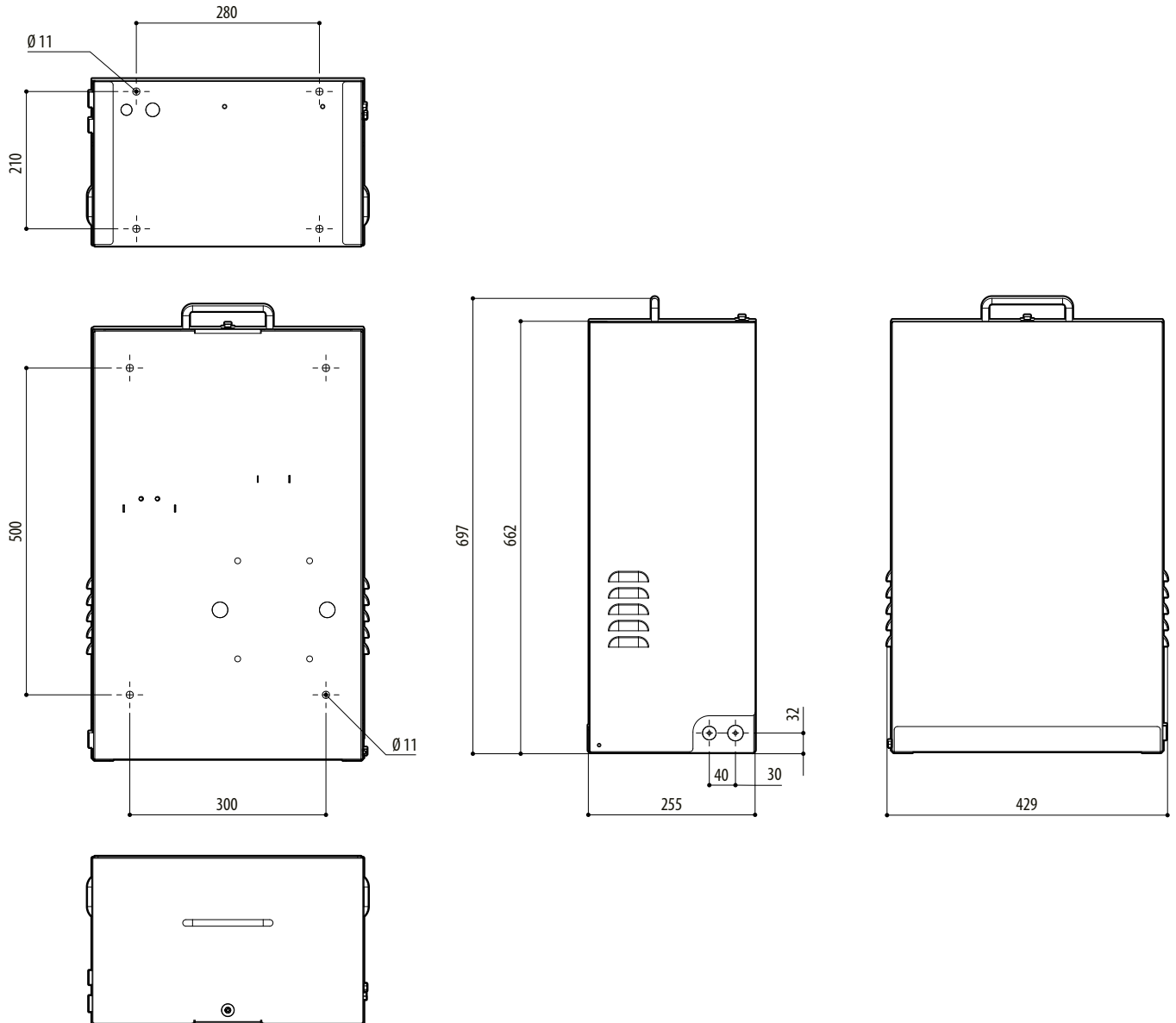
Model Number	Weight	Dimensions (WxHxL)	Master carton
WASEX2T4AT	20.3kg (44.7lb)	30x74x46cm (11.8x29.1x18.1in)	-

1/2" NPT CABLE GLAND SELECTION GUIDE

Cable gland type	Certification	Operating temperature	Cable	Cable glands product code	Diameter of the external cable (mm)	Under armor cable diameter (mm)
Barrier	IECEX/ATEX/EAC Ex	-60°C / +80°C (-76°F / +176°F)	Unarmoured cable	OCTEXB1/2C	3 - 8 (0.12 - 0.3in)	–
With gasket	IECEX/ATEX/EAC Ex	-60°C / +100°C (-76°F / +212°F)	Unarmoured cable	OCTEX1/2C	3.2 - 8 (0.13 - 0.3in)	–
			Unarmoured cable	OCTEXS1/2C	6.5 - 11.9 (0.26 - 0.47in)	–
			Armoured cable	OCTEXA1/2C	12.5 - 20.5 (0.49 - 0.8in)	10 - 14.3 (0.4 - 0.56in)

Technical Drawings

The dimensions of the drawings are in millimetres.



DrillVision™

Onshore, Offshore, Facilities, Pipelines

A Southern Electronics Company

2301 Julia St.
New Orleans, LA 70119
225.753.8884

www.drillvisionsystems.com