

2310131048

Washer Pump WASEX2T4AT EX

WASEX WASHER PUMP WITH EX-PROOF SOLENOID VALVE

- Delivery head: 20m (66ft) or 30m (98ft)
- Water tank capacity: 10l (2.6gal)
- Suitable for MAXIMUS series or with third-party products
- Power supply in 24Vac/dc, 5W max

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, but 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.

Technical Dimensions

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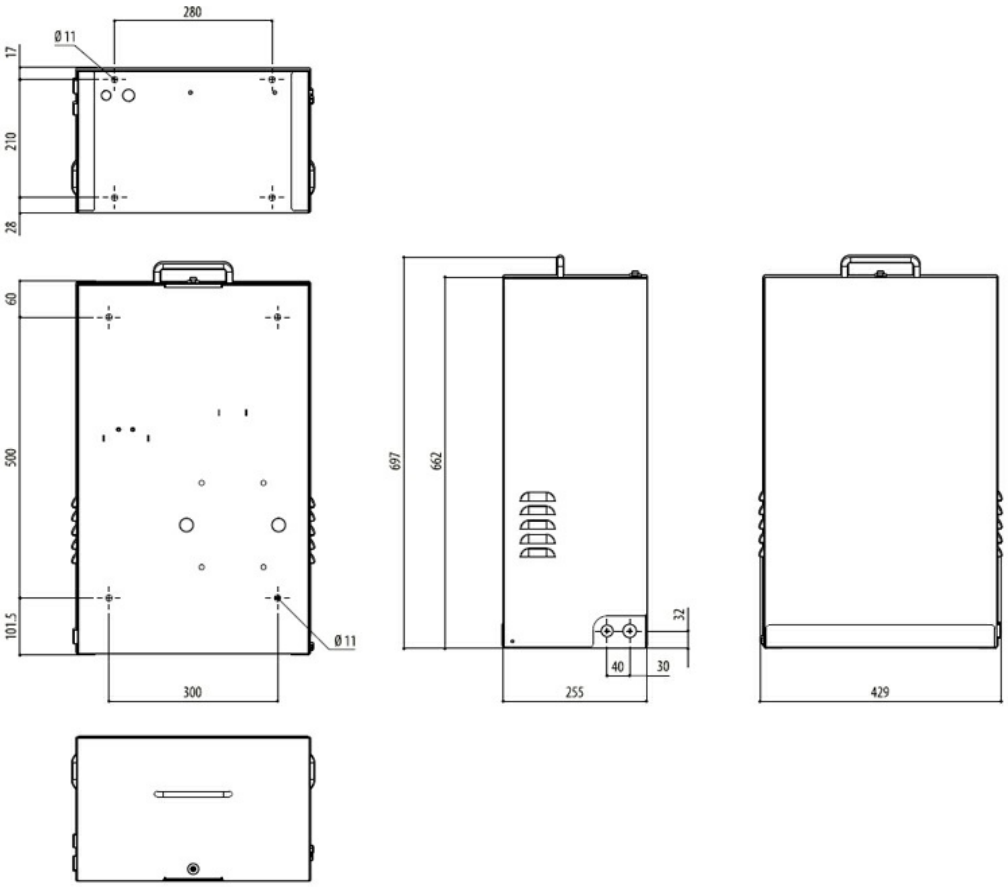
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TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.



WASEX

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Specifications

CABLE GLANDS AND ACCESSORIES 1/2" NPT						
Type	**Certification**	**Operating temperature**	**Cable**	**Model Number**	**Diameter of the external cable**	**Under armor cable diameter**
Barrier cable gland	IECEX/ATEX/EAC Ex	-60°C / +80°C (-76°F / +176°F)	Unarmoured cable	OCTEXB1/2C	3.0 - 8.0mm (0.12-0.31in)	–
		-60°C (-76°F) / +135°C (275°F)	Unarmoured cable	OCTEXB1/2P	12.5 - 14.0mm (0.5-0.55in)	–
			Armoured cable	OCTEXBA1/2P	15.5 - 21.1mm (0.61-0.83in)	–
Cable gland with gasket	IECEX/ATEX/EAC Ex	-60°C / +100°C (-76°F / +212°F)	Unarmoured cable	OCTEX1/2C	3.2 - 8.0mm (0.12-0.31in)	–
			Unarmoured cable	OCTEXS1/2C	6.5 - 11.9mm (0.26 - 0.47in)	–
			Armoured cable	OCTEXA1/2C	12.5 - 20.5mm (0.49 - 0.8in)	10 - 14.3mm (0.4 - 0.56in)
Plug EX 1/2"NPT	IECEX/ATEX/EAC Ex	-100°C (-148°F) / +400°C (752°F)	–	OEXPLUG1/2P	–	–

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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 hole 1/2" NPT for cable entry

Dimensions (WxHxL): 429x697x255mm (16.9x27.4x10in)

Unit weight: 18kg (40lb)

ELECTRICAL

WASEX2T4AT, WASEX2T4G0R, WASEX2T4IN

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

Consumption: 5W

WASEX2T4KC

Power supply: 24Vdc

Consumption: 10.6W

ENVIRONMENT

WASEX2T4AT, WASEX2T4G0R, WASEX2T4IN

For indoors and outdoors installation

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

WASEX2T4KC

For indoors and outdoors installation

Operating temperature of solenoid valve: from -40°C (-40°F) up to +55°C (131°F)

Operating temperature of device: depending on the solidification temperature of the liquid

CERTIFICATIONS - EXPLOSION-PROOF APPLICATIONS

WASEX2T4AT

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)

Ⓔx 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

WASEX2T4G0R

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:

EAC EX:

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

WASEX2T4IN

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:

INMETRO

Ex d IIC T4 Gb IP66
Ex tb IIIC T135°C Db IP66
Tamb '-40/+60°C

WASEX2T4KC

Solenoid valve:

ATEX (EN60079-0, EN60079-1, EN60079-31)

Ⓔx 2 II GD Ex db mb IIC T4 Gb
Ex mb tb IIIC T135°C Db

Ta=-40°C to +55°C

IECEx (IEC 60079-0, IEC 60079-1, IEC 60079-31)

Ex db mb IIC T4 Gb
Ex mb tb IIIC T135°C Db
Ta=-40°C to +55°C

KCs (Employment and labor department 2016-54)

Ex d mb IIC T4
Ex mb tD A21 IP67 T135°C
Ta=-40°C to +55°C

CERTIFICATIONS - MARINE APPLICATIONS

Lloyd's Register Marine Type Approval certification:

- Test Specification Number 1 (ENV1, ENV2, ENV3, ENV5)

Electromagnetic compatibility: EN60945

Salty fog resistance: EN60068-2-52

Tested at 70°C (158°F) for 16 hours in compliance with EN60068-2-2

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