



2310131029 WASEX2T4AT EX

WASEX WASHER PUMP WITH EX-PROOF SOLENOID VALVE

- O Delivery head: 20m (66ft) or 30m (98ft)
- ⊘ Water tank capacity: 10I (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

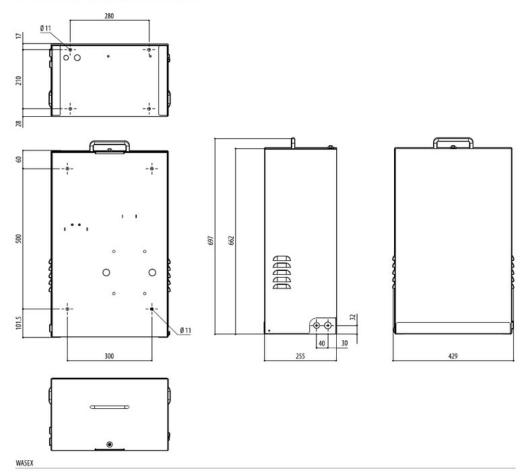
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TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.



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Specifications

Туре	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)	n 2 <u>2</u>
			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	-	-

TECHNICAL DATA

	EAC EX:	
GENERAL	 1 Ex d IIC T4 Gb X, IP66 -40°C/+60° 	
Enclosure made of stainless steel AISI 316L	• Ex tb IIIC T130°C Db X, IP66 -40°C/-	
Water delivery pipe supplied	Solenoid valve:	
	EAC EX:	
MECHANICAL	1 Ex d IIC T4 Gb X	
Pressure: 4bar max	Ex tb IIIC T130°C Db X, IP66 -40°C/+	
Delivery head: 20m (66ft)	WASEX2T4IN	
Pipe material: Antistatic plastic	EAC EX:	
Water tank capacity: 10l (2.6gal)	 1 Ex d IIC T4 Gb X, IP66 -40°C/+60 	
1 hole 1/2" NPT for cable entry	• Ex tb IIIC T130°C Db X, IP66 -40°C/-	
Dimensions (WxHxL): 429x697x255mm (16.9x27.4x10in)	Solenoid valve:	
Unit weight: 18kg (40lb)	INMETRO	
	Ex d IIC T4 Gb IP66	
ELECTRICAL	Ex tb IIIC T135°C Db IP66	
WASEX2T4AT, WASEX2T4GOR, WASEX2T4IN	Tamb '-40/+60°C	
Power supply: 24Vac or 24Vdc, 50/60Hz	WASEX2T4KC	
Consumption: 5W	Solenoid valve:	
WASEX2T4KC	ATEX (EN60079-0, EN60079-1, EN6007	
Power supply: 24Vdc	2 II GD Ex db mb IIC T4 Gb	
Consumption: 10.6W	Ex mb tb IIIC T135°C Db	
ENVIRONMENT	Ta=-40°C to +55°C	
WASEX2T4AT, WASEX2T4GOR, WASEX2T4IN	IECEx (IEC 60079-0, IEC 60079-1, IEC 60	
For indoors and outdoors installation	Ex db mb IIC T4 Gb	
Operating temperature of solenoid valve: From -40°C (-40°F) up to +60°C (140°F)	Ex mb tb IIIC T135°C Db	
	$Ta = -40^{\circ}C$ to $+55^{\circ}C$	
Operating temperature of device: depending on the solidification temperature of the liquid	KCs (Employment and labor departme	
WASEX2T4KC	Ex d mb IIC T4	
For indoors and outdoors installation	Ex mb tD A21 IP67 T135°C	
Operating temperature of solenoid valve: from -40°C (-40°F) up to +55°C (131°F)	$Ta = -40^{\circ}C$ to $+55^{\circ}C$	
Operating temperature of device: depending on the solidification temperature of the		
liquid	CERTIFICATIONS - MARINE APPLI	
	Lloyd's Register Marine Type Approval	
CERTIFICATIONS - EXPLOSION-PROOF APPLICATIONS	 Test Specification Number 1 (ENV1 	
WASEX2T4AT	Electromagnetic compatibility: EN6094	
EAC EX:	Salty fog resistance: EN60068-2-52	
 1 Ex d IIC T4 Gb X, IP66 -40°C/+60°C 	Tested at 70°C (158°F) for 16 hours in 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 $+35^{\circ}$ C or $+50^{\circ}$ C or $+60^{\circ}$ C		

EAC EX:

WASEX2T4GOR

 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)
🐵 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 IICT4
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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Used With



MVX2P0WF001A

High-Spec Ex-Proof Day/Night Camera in a Compact Design



MVX-HD2-F0WAZ01A

Explosion-Proof IP Camera, 1080p, 30x zoom, Wiper



MVX-HD210-WAZ00B Explosion-proof camera

Maximus MVX Delux Explosionproof FULL HD CCTV camera



MPXHD21A000C Series2 EX PTZ Camera

MPX Series 2 Delux IP PTZ Ex camera, super low-light, full HD

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