

# COEX™ FEWS/2-LLA Wash System

The COEX™ FEWS/2-LLA wash system is an ATEX compliant product, which has been developed exclusively to work with COEX™ camera stations. The FEWS/2-LLA wash system allows remote pressure jet washing of a camera station window, combined with an automatic 'low level' sensor to alert the operator when the unit requires recharging.



Manufactured from the highest-grade electro-polished 316L stainless steel for maximum corrosion resistance, the COEX™ FEWS/2-LLA wash system is designed specifically for hazardous area applications.

The 10 litre reservoir can be installed up to 20 metres below the camera head, allowing servicing of the reservoir at ground/deck level. The spray nozzle can be mounted on the window wiper arm to ensure uniform window cleaning.

The FEWS/2-LLA is unique in its ability to enable remote washing of a camera station window, combined with an automatic 'Low Level Alarm' output, which can be integrated into the Synergy control system providing a graphical and audible indication to the operator before the unit requires recharging.

## Features

- Ex em Increased Safety Solenoid Valve
- Electro-polished 316L Stainless Steel, for Maximum Corrosion Resistance
- 10 Litre Removable Stainless Steel Reservoir Provides 200 to 500 Wash Cycles Per Fill
- Enclosed System Ensures High Performance in All Climates
- Automatic 'Low Level Alarm' Output
- Suitable for Antifreeze and Detergent Additives
- Accessible at Ground / Deck

## Options

- A Wide Range of Operating Voltages

# Specifications

CERTIFICATIONS/RATINGS		[OPTIONS]
Certifications / Ratings	FEWS/2-LLA: II 2GD Ex d e m IIC T4 -20°C < Tamb up to ≤+60°C IECEx EMC:61000 CE Compliant IP65 Solenoid Valve Only IP66 Low Level Alarm Sensor Only IP56 Enclosure Only (EN60529)	
ENVIRONMENTAL		
Operating Temperature	-20°C to +60°C	
MECHANICAL		
Material	Electro-polished 316L Stainless Steel	
Mounting	5 x Ø 8 mm	
Reservoir Capacity	10 litres	
Dimensions (W x D x H)	344 x 250 x 606 mm	
Weight Empty	19.8 kg	
Weight Full	29.8 kg	
ELECTRICAL		
Power Requirements	230 Vac [110 or 24] 50Hz [60Hz]	
Power Consumption	9W Maximum	
Electrical Connections	3 core 0.75 - 1.5mm <sup>2</sup> Max SWA/LSLG, M20 x 1.5 Gland Entry (Solenoid Valve) 1 Pair 0.5mm <sup>2</sup> Max, M20 x 1.5 Gland Entry (Low Level Alarm Sensor)	
MISC		
Working Pressure	6 Bar Maximum	
Low Pressure Set Point	1.5 Bar ±10%	
Reservoir Type	Manually Pressurised Stainless Steel	
Flow Rate	>0.5 litres per minute	
Fluid Outlet	10m hose, ¼" bore tube	

## Synectics

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Specifications subject to change. E & OE.

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MANUFACTURER OF



CAMERA STATIONS



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