

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

WP10EX SERIES

STAINLESS STEEL WASHER SYSTEM



HAZARDOUS AREA

AISI316L STAINLESS STEEL CONSTRUCTION
FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
EASY INSTALLATION AND MAINTENANCE
10 LITRES RESERVOIR CAPACITY
ATEX/IECEX SOLENOID RELEASE VALVE
SUITABLE FOR THIRD PARTY PRODUCTS



WP10EX INTERNAL VIEW

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-15° +60°C (+5° +140° F)
Cabinet material	AISI316L Stainless Steel
Mounting	5 Ø11 mounting holes
Hose material	Black antistatic plastic
Solenoid valve body material	Brass
Max operating pressure	4 bar
Maximum Delivery head	up to 20 metres with 4 bar pressure
Washing cycles	about 200-500 (depending on camera height, pressure, water level)
Weight	16 kg (empty); 26 kg (full)
Capacity	10 litres
Fluid outlet	10 metres hose, 4 mm Bore Tube

ELECTRICAL

Available supply voltages	24, 110, 230 V~ (+/-10%)
Power consumption	3,5W (WP10EXe models) 10W (WP10EXd models)

CERTIFICATIONS

Ingress Protection(EN 60529)	Solenoid valve: IP67 (WP10EXe models) Solenoid valve: IP66/IP67 (WP10EXd models) Cabinet: not rated
Rating (WP10EXe models)	Ⓜ II 2G Ex e mbIIIC Gb T4 Ⓜ II 2D Ex t IIIC Db IP67
Rating (WP10EXd models)	Ⓜ II 2G Ex d IIC Gb T6/T5 (-60 to +40/60°C)* Ⓜ II 2D Ex tb IIIC Db IP66/67 * Operator ambient temperature range
EMC	EN 61000-6-3:2007; EN 50130-4:1995 + A1:1998 + A2:2003
LVD	EN 60950-1:2006 + A11:2009
RoHS	2011/65/EU
WEEE	2012/19/EU

MODELS

WP10EXe/24	24 VUC supply voltage. EX II 2G Ex e mbIIIC Gb T4, II 2D Ex t IIIC Db IP67 T=135°C
WP10EXe/110	110 V~ supply voltage. EX II 2G Ex e mbIIIC Gb T4, II 2D Ex t IIIC Db IP67 T=135°C
WP10EXe/230	230 V~ supply voltage. EX II 2G Ex e mbIIIC Gb T4, II 2D Ex t IIIC Db IP67 T=135°C
WP10EXd/24¹	24 V~ supply voltage. EX II 2G Ex d IIC Gb T6, II 2D Ex tb IIIC Db IP66/67
WP10EXd/110¹	110 V~ supply voltage. EX II 2G Ex d IIC Gb T6, II 2D Ex tb IIIC Db IP66/67
WP10EXd/230¹	230 V~ supply voltage. EX II 2G Ex d IIC Gb T6, II 2D Ex tb IIIC Db IP66/67

¹ ½" NPT Nickel-plated brass cable gland (EX II 2 G Ex d IIC, II 2 D Ex tD IP68) for armoured cable (O.D. 8,5 to 16mm, I.D. 6 to 12mm) included.

IP rating and ATEX/IECEX certification are referred to the solenoid valve. The cabinet is not IP rated.

ACCESSORIES AND SPARE PARTS

DCI-EXWP/24	Interface PCB for WP10EX to allow control by cameras with Dry Contact auxiliary output. Operating voltage 24V~
DCI-EXWP/230	Interface PCB for WP10EX to allow control by cameras with Dry Contact auxiliary output. Operating voltage 230V~

DIMENSIONS

