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

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions
See drawings next page

Operating Temperature
-15°C to +60°C (+5°F to +140°F)

Cabinet material
AISI316L Stainless Steel

Mounting
5 Ø11 mounting holes

Hose material
Black anti-tatic 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 (WP10Ex models) 10W (WP10Exd models)

CERTIFICATIONS

Ingress Protection (EN 60529)
Solenoide valve: IP67 (WP10Ex models)
Solenoide valve: IP66/IP67 (WP10Exd models)

Rating (WP10Ex models)
Ø2GExmmbIC Gb T4
Ø2Ex t IIC Db IP67

Rating (WP10Exd models)
Ø2G Ex d IIC Gb T6/TS 60 to +40/60°C*
Ø2D Ex tb IIIC Db IP66/67

* Operator ambient temperature range

EMC
EN 61000-6-3:2007;

LVD
EN 60950-1:2006 + A11:2009

RoHS
2011/65/EU

WEEE
2012/19/EU

MODELS

WP10Exe/24
24 VUC supply voltage. EX II 2GEx mmbIC Gb T4, II 2D Ex t IIIC Db IP67 T=135°C

WP10Exe/110
110 V~ supply voltage. EX II 2G Ex mmbIC Gb T4, II 2D Ex t IIIC Db IP67 T=135°C

WP10Exe/230
230 V~ supply voltage. EX II 2G Ex mmbIC Gb T4, II 2D Ex t IIIC Db IP67 T=135°C

WP10Exd/24
24 V~ supply voltage. EX II 2G Ex d IIC Gb T6, II 2D Ex tb IIIC Db IP66/67

WP10Exd/110
110 V~ supply voltage. EX II 2G Ex d IIC Gb T6, II 2D Ex tb IIIC Db IP66/67

WP10Exd/230
230 V~ supply voltage. EX II 2G Ex d IIC Gb T6, II 2D Ex tb IIIC Db IP66/67

1/2” NPT Nickel-plated brass cable gland (EX II 2 G Ex d IIC, II 2 D Ex IIC IP68) for armoured cable (5.3 to 16mm, 13.4 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

DCHExWP/24
Interface PCB for WP10Ex to allow control by cameras with Dry Contact auxiliary output. Operating voltage 24V~

DCHExWP/230
Interface PCB for WP10Ex to allow control by cameras with Dry Contact auxiliary output. Operating voltage 230V~
DIMENSIONS

FRONT VIEW

SIDE VIEW

MOUNTING PATTERN

INTERNAL FRONT VIEW

Dimensions in millimetres - Tolerances according OMS - Design and products specifications subject to change without notice - rev. 20161021