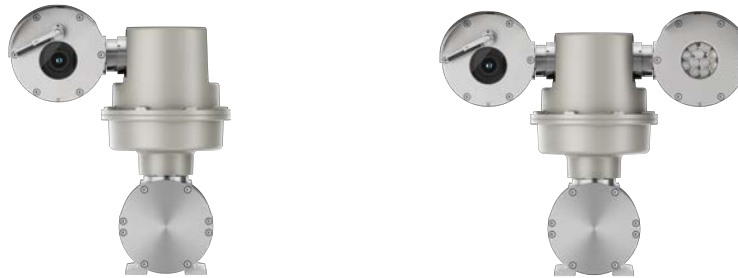


EXSITE PRO PTZ AND EXSITE PRO IR PTZ

2 MP

UNCOMPROMISED AND AFFORDABLE SAFETY FOR HAZARDOUS ENVIRONMENTS

Industrial applications have unique challenges. From navigating high safety risks and demanding environments to complying with rigorous regulations, industrial and hazardous facilities require cameras that can withstand tough conditions and fulfill multiple compliance requirements. The ExSite Pro PTZ and ExSite Pro IR PTZ explosion-proof cameras deliver 360° views for wide area coverage and enhanced situational awareness. Capture highly-detailed images in challenging lighting environments with high-resolution and high optical zoom capability, even within low light settings. Gain long-range, crystal-clear footage in the darkest areas with the ExSite Pro IR PTZ camera and its built-in IR illuminator. Designed with aluminum housing, these lightweight and outdoor-rated cameras are ideal for inland oil and gas, agriculture, manufacturing and chemical facilities.



FEATURES



PELCO SMART ANALYTICS

Enhanced object detection and classification for quicker, decisive responses.¹



EXPLOSION-PROOF

Meets explosion-proof and dust ignition-proof requirements and complies with global standards (UL, CSA, ATEX, IECEx, pending UKCA, INMETRO, KCs).



READY FOR TOUGH ENVIRONMENTS

Safe in extreme temperatures from -40°C to 60°C (-40°F to 140°F), combined with IP 66/67/68/69 rating for dust and water resistance.



LOW LIGHT TECHNOLOGY

Offers excellent image detail in low-light settings.



H.264 AND H.265 WITH SMART COMPRESSION

Retains high image quality and optimizes compression levels to minimize bandwidth and storage needs.



ONVIF® CONFORMANT

ONVIF Profile S, G, T and M conformance for easy integration with any third-party VMS. Also integrates with Pelco VideoXpert.



TRUE WIDE DYNAMIC RANGE

Captures high-quality image details in scenes with dark and light backgrounds.



PEACE OF MIND

We back these cameras with a 3-year warranty, extendable to 5 years.

ONVIF is a trademark of Onvif, Inc.

¹ Analytic capabilities are based on home position only.

For more information, contact your local Pelco sales representative today at pelco.com/about/contact-us/#form.

SPECIFICATIONS

| IMAGE PERFORMANCE | | 2.0 MP |
|-----------------------------------|---------------------------------|---|
| Image Sensor | | 1/3" progressive scan CMOS |
| Active Pixels (H x V) | | 1944 (H) x 1212 (V) |
| Imaging Area (H x V) | | 5.568 mm (H) x 3.132 mm (V); 0.219 " (H) x 0.123 " (V) |
| IR Illumination Max Distance* | Dual head: 13° and 40°/16° | 150m |
| IR Min Illumination | | 0.03 lux (F/1.6) in color mode; 0.02 lux F/1.6) in monochrome |
| Max LEDs | Number | 11 |
| | Wavelength | 850nm |
| LED Configuration* | Wide beam angle of illumination | 40° (horizontal), 16° (vertical) |
| | Spot beam angle of illumination | 13° (horizontal), 13° (vertical) |
| Dynamic Range | | Up to 120 dB |
| Image Rate | | Up to 60 fps |
| Aspect Ratio (Resolution Scaling) | | Down to (16:9) 384x216 or (5:4) 320x256 |
| 3D Noise Reduction Filter | | Yes |

* The distances and the performance depend on the environmental conditions. Illumination activation by software can be activated via presets or the zoom factor, based on the scene brightness, from alarm input or manually.

| LENS | | 2.0 MP |
|---------------|------------|---|
| Lens | | F1.6, 4.3-129 mm (30x zoom) remote focus and zoom |
| Angle of View | Horizontal | (16:9) 2.34° - 65.1° |
| | Vertical | (16:9) 1.36° - 38.4° |
| Zoom | | Up to 30x |

| IMAGE CONTROL | |
|--------------------------------|---|
| Video Compression | H.264 and H.265 Pelco Smart Compression, Motion JPEG |
| Streaming | Multi-stream H.264, Multi-stream H.265, Motion JPEG |
| Motion Detection | Pixel motion: Selectable sensitivity and threshold. Classified object detection |
| Electronic Shutter Control | Automatic, Manual (1/1 to 1/30,000 sec) |
| Iris Control | Automatic, Open, Closed |
| Day/Night Control | Automatic, Color, Monochrome, External |
| Flicker Control | 60 Hz, 50 Hz |
| White Balance | Automatic, Manual |
| Backlight Compensation | On/Off |
| Privacy Zones | 3D, up to 64 zones |
| Presets | 500 named presets |
| Tours | 10 named tours |
| Electronic Image Stabilization | Yes |
| Digital Defog | Adjustable/Off |

NETWORK

| | |
|-----------------------------|--|
| Network | 10BASE-T/100BASE-T (RJ45) and 100BASE-FX (SFP) |
| Ports | RJ45 connector (CAT5E cabling) and SFP slot |
| ONVIF | ONVIF compliance Profile M, Profile S, Profile T, and Profile G (www.onvif.org) |
| Security | Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication |
| Protocols | IPv6, IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMPv2, ICMP, DHCP, Zeroconf, ARP, HSTS |
| Streaming Protocols | RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP |
| Device Management Protocols | SNMP v2c, SNMP v3 |

CERTIFICATIONS

| | |
|-------------------------------|--|
| Certifications/Directives | cULus, CE, UKCA, ROHS |
| Safety | UL 62368-1, CSA 62368-1, IEC/EN 62368-1, IEC/EN 62471 |
| Hazardous | ATEX (EN IEC 60079-0, EN 60079-1, EN 60079-31), IECEx (IEC 60079-0, IEC 60079-1, IEC 60079-31), UL listed for USA (UL 60079-0, UL 60079-1, UL 60079-31), UL listed for Canada (CAN/CSA-C22.2 NO. 60079-0, CAN/CSA-C22.2 NO. 60079-1, CAN/CSA-C22.2 NO. 60079-31) |
| Environmental and Performance | UL/CSA/IEC 60950-22, IEC 62262 Impact Rating (enclosure only), IEC 60529 IP69 Weather Rating, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-30, IEC 60068-2-52 NEMA TS 2 para 2.2.7 - 2.2.9, Type 4X and 6P |
| Electromagnetic Emissions | FCC Part 15 Subpart B Class A, IC ICES-003 Class A, EN 55032 Class A, EN 61000-6-4, EN 61000-3-2, EN 61000-3-3 |
| Electromagnetic Immunity | EN 50130-4 |
| Vibration test | EN 50130-5, EN 60068-2-6 |
| Warranty | 3-year limited warranty. 5-year extended warranty is available. |

EXPLOSION-PROOF CERTIFICATIONS

| EXPP -CERTIFICATIONS AND MARKING | | | |
|--|--|---------------------|-------------------------|
| Certification | Marking | Ambient temperature | Cable entry temperature |
| UL 23 ATEX 3004X | Ex II 2G Ex db IIB+H2 T5 Gb Ex II 2D Ex tb IIIC T100°C Db | -40°C ≤ Ta ≤ +70°C | +81°C |
| | Ex II 2G Ex db IIC T6 Gb Ex II 2D Ex tb IIIC T85°C Db | -40°C ≤ Ta ≤ +60°C | +80°C |
| IECEX ULD 23.0012X | Ex db IIB+H2 T5 Gb Ex tb IIIC T100°C Db | -40°C ≤ Ta ≤ +70°C | +81°C |
| | Ex db IIC T6 Gb Ex tb IIIC T85°C Db | -40°C ≤ Ta ≤ +60°C | +80°C |
| UK Ex - UL23UKEX2846X | Ex II 2G Ex db IIB+H2 T5 Gb Ex II 2D Ex tb IIIC T100°C Db | -40°C ≤ Ta ≤ +70°C | +81°C |
| | Ex II 2G Ex db IIC T6 Gb Ex II 2D Ex tb IIIC T85°C Db | -40°C ≤ Ta ≤ +60°C | +80°C |
| cULus E319666 Hazardous Location America | Class I, Zone 1, AEx db IIB+H2 T5 Gb Zone 21, AEx tb IIIC T100°C Db Class I, Div 2, Group B, C, D T5 Class II, Div 2, Group F, G T100°C | -40°C ≤ Ta ≤ +70°C | +81°C |
| | Class I, Zone 1, AEx db IIC T6 Gb Zone 21, AEx tb IIIC T85°C Db Class I, Div 2, Group A, B, C, D T6 Class II, Div 2, Group F, G T100°C | -40°C ≤ Ta ≤ +60°C | +80°C |
| cULus E319666 Hazardous Location Canada | Ex db IIB+H2 T5 Gb X Ex tb IIIC T100°C Db X Class I, Div 2, Group B, C, D T5 Class II, Div 2, Group F, G T100°C | -40°C ≤ Ta ≤ +70°C | +81°C |
| | Ex db IIC T6 Gb X Ex tb IIIC T85°C Db X Class I, Div 2, Group A, B, C, D T6 Class II, Div 2, Group F, G T85°C | -40°C ≤ Ta ≤ +60°C | +80°C |

EXPL - CERTIFICATIONS AND MARKING

| Certification | Marking | Ambient temperature | Cable entry temperature |
|--|--|-----------------------------|-------------------------|
| UL 23 ATEX 3004X | Ex II 2G Ex db IIB+H2 T5 Gb Ex II 2D Ex tb IIIC T100°C Db | -40°C ≤ Ta ≤ +70°C | +82°C |
| | Ex II 2G Ex db IIC T6...T5 Gb Ex II 2D Ex tb IIIC T85°C...T100°C Db | -40°C ≤ Ta ≤ +55°C or +60°C | +80°C |
| IECEX ULD 23.0012X | Ex db IIB+H2 T5 Gb Ex tb IIIC T100°C Db | -40°C ≤ Ta ≤ +70°C | +82°C |
| | Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db | -40°C ≤ Ta ≤ +55°C or +60°C | +80°C |
| UK Ex - UL23UKEX2846X | Ex II 2G Ex db IIB+H2 T5 Gb Ex II 2D Ex tb IIIC T100°C Db | -40°C ≤ Ta ≤ +70°C | +82°C |
| | Ex II 2G Ex db IIC T6...T5 Gb Ex II 2D Ex tb IIIC T85°C...T100°C Db | -40°C ≤ Ta ≤ +55°C or +60°C | +80°C |
| cULus E319666 Hazardous Location America | Class I, Zone 1, AEx db IIB+H2 T4 Gb Zone 21, AEx tb IIIC T135°C Db Class I, Div 2, Group B, C, D T4 Class II, Div 2, Group F, G T135°C | -40°C ≤ Ta ≤ +70°C | +84°C |
| | Class I, Zone 1, AEx db IIC T4 Gb Zone 21, AEx tb IIIC T135°C Db Class I, Div 2, Group A, B, C, D T4 Class II, Div 2, Group F, G T135°C | -40°C ≤ Ta ≤ +55°C or +60°C | +84°C |
| cULus E319666 Hazardous Location Canada | Ex db IIB+H2 T4 Gb X Ex tb IIIC T135°C Db X Class I, Div 2, Group B, C, D T4 Class II, Div 2, Group F, G T135°C | -40°C ≤ Ta ≤ +70°C | +84°C |
| | Ex db IIC T4 Gb X Ex tb IIIC T85°C Db X Class I, Div 2, Group A, B, C, D T4 Class II, Div 2, Group F, G T135°C | -40°C ≤ Ta ≤ +55°C or +60°C | +84°C |

MECHANICAL

| | | |
|------------------------|---------------------------------|---|
| Dimensions (LxWxH) | EXPP | 383 mm x 267 mm x 463 mm; 15" x 10.5" x 18.2" |
| | EXPL | 540 mm x 267 mm x 463 mm; 21.2" x 10.5" x 18.2" |
| Weight | EXPP | 20.9 kg; 46 lbs |
| | EXPL | 25.4 kg; 56 lbs |
| Construction | Aluminium | |
| Finish | Powder coated anodized aluminum | |
| Pan Movement | 360° continuous | |
| Vertical Tilt | -90° to 90° | |
| Maximum Pan/Tilt Speed | 100°/s | |
| Wiper | Yes | |
| Cable Entry | 2 x 3/4" NPT | |

ELECTRICAL

| | | |
|--|---|--|
| Local Storage | SD card support (Class V10 or better recommended) | |
| Ports | 10BASE-T/100BASE-T, RJ45 connector (CAT5E cabling) and SFP slot | |
| Power Consumption | 100 W max. | |
| Input Voltage (Power) | From 100 VAC to 240 VAC ±10%, 1.2 A, 50/60 Hz | |
| Input for Remote Reset | 1 | |
| Alarm Inputs | 1 | |
| Relay Outputs | 2 (1A, 30 VAC/60 VDC max) | |
| Audio Input and Output | None | |
| Integrated power supply for washing system | 24 VDC, 12 Wmax | |

ENVIRONMENTAL

| | |
|-----------------------|--|
| Operating Temperature | -40 °C to +60 °C (-40 °F to 140 °F) |
| Storage Temperature | -40 °C to +60 °C (-40 °F to 140 °F) |
| Humidity | 5% - 95% non-condensing |
| Cold Start | Up to 2 hour startup delay at temperature lower than -10 °C (14 °F) |
| Wind Resistance | Ptz static: 200km/h (125mph) max. Ptz operational at maximum speed: 130km/h (81 mph) max. |

ANALYTICS SPECIFICATIONS

SUPPORTED ANALYTICS EVENTS*

| | |
|-------------------------------|--|
| Objects in Area | The event is triggered when the selected object type moves into the region of interest. |
| Object Loitering | The event is triggered when the selected object type moves into the region of interest, then stays for an extended amount of time. |
| Objects Crossing Beam | The event is triggered when the specified number of objects have crossed the directional beam that is configured over the camera's field of view. The beam can be unidirectional or bidirectional. |
| Object Appears or Enters Area | The event is triggered by each object that enters the region of interest and can also be used to count objects. |
| Object Not Present in Area | The event is triggered when no objects are present in the region of interest. |
| Objects Enter Area | The event is triggered when the specified number of objects have entered the region of interest. |
| Objects Leave Area | The event is triggered when the specified number of objects have left the region of interest. |
| Object Stops in Area | The event is triggered when an object moves into a region of interest and then stops moving for the specified threshold time. |
| Direction Violated | The event is triggered when an object moves in the prohibited direction of travel. |
| Sabotage Detection | The event is triggered when the scene unexpectedly changes. |

SYSTEM MODEL NUMBERS

| SYSTEM RESOLUTION | MODEL | DESCRIPTION |
|-------------------|-----------------------|--|
| 2 MP 30X | EXPP1-2X30-EPT-00A0M3 | ExSite Pro Series 1, 2MP 30x Zoom, Stainless Steel PTZ, Mains 100-240Vac |
| 2 MP 30X | EXLP1-2X30-EPT-85B0M3 | ExSite Pro Series 1, 2MP 30x Zoom, Stainless Steel PTZ, Mains with IR illuminator 850mm, SPOT and WIDE lenses Mains 100-240Vac |

MOUNTING ACCESSORIES

| PART | DESCRIPTION |
|--------|--|
| MPXCW | Corner mount adapter for use with ExSite cameras. Max load 50 kg (110 lb.). AISI 316L stainless steel. |
| MPXCOL | Pole mount adapter for use with ExSite cameras. For pole diameters from 110 mm (4.3") to 150 mm (5.9"). Max load 50 kg (110 lb.). AISI 316L stainless steel. |
| XWBA | AISI 316L stainless steel wall bracket. |
| XWBTA | AISI 316L stainless steel parapet or ceiling mounting bracket. |

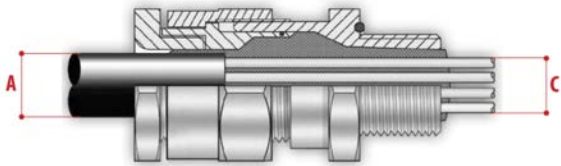
CABLING

| ITEM | DESCRIPTION |
|------------------|--|
| EXPRO1CABLARM101 | Cabling, 10m (32.8 ft), armored cable, barrier cable gland |
| EXPRO1CABLARM41 | Cabling, 4m (13.1 ft), armored cable, barrier cable gland |

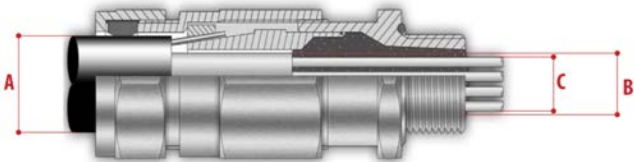
CABLE GLANDS AND ACCESSORIES 3/4" NPT

| TYPE | CERTIFICATION | OPERATING TEMP. | CABLE | PART NUMBER | MAXIMUM DIAMETER OF THE EXTERNAL SHEATH (A) | MAXIMUM DIAMETER OF THE INTERNAL SHEATH (B) | MAXIMUM DIAMETER OF THE CONDUCTORS BUNDLE (C) |
|-------------------------------|--------------------------------|-----------------------------------|------------|---------------|---|---|---|
| Barrier Cable Gland | IECEX / ATEX / EAC Ex | -60°C (-76°F) / +135°C (+275°F) | Unarmored | OCTEXB3/4P | 20.0 mm (0.78 in) | - | 17.8 mm (0.7 in) |
| | | | Armored | OCTEXBA3/4P | 16.8 - 23.9 mm (0.66-0.94 in) | 20 mm (0.79 in) max | 17.8 mm (0.7 in) |
| Cable Gland with Gasket | IECEX / ATEX / EAC Ex | -60°C (-76°F) / +100°C (+212°F) | Unarmoured | OCTEX3/4C | 13.0 - 20.2 mm (0.51-0.79 in) | - | - |
| | | | Armored | OCTEXA3/4C | 16.9 - 26.0 mm (0.66-1.02 in) | 11.1 - 19.7 mm (0.44 - 0.78 in) | - |
| | ATEX | -40°C (-40°F) / +100°C (+212°F) | Unarmoured | OCTEX3/4 | 14.0 - 17.0 mm (0.55-0.67 in) | - | - |
| | | | Armored | OCTEXA3/4 | 18.0 - 23.0 mm (0.71-0.91 in) | 14.0 - 17.0 mm (0.55-0.67 in) | - |
| Plug EX 3/4"NPT | IECEX / ATEX / EAC Ex | -100°C (-148°F) / +400°C (+752°F) | - | OEXPLUG3/4P | - | - | - |
| Conduit Sealing Fitting | IECEX / ATEX / cCSAus / EAC Ex | -60°C (-76°F) / +80°C (+176°F) | - | OCTEXP3/4C | - | - | 11.0 mm (0.43 in) |
| Reduction 3/4" NPT x 1/2" NPT | IECEX / ATEX / EAC Ex | -100°C (-148°F) / +400°C (+752°F) | - | OCTEX1/2-3/4P | - | - | - |

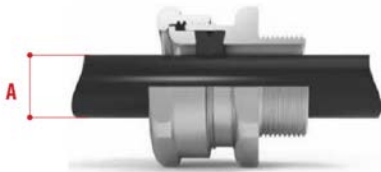
| TYPE | CERTIFICATION | OPERATING TEMP. | CABLE | PART NUMBER | MAXIMUM DIAMETER OF THE EXTERNAL SHEATH (A) | MAXIMUM DIAMETER OF THE INTERNAL SHEATH (B) | MAXIMUM DIAMETER OF THE CONDUCTORS BUNDLE (C) |
|------|---------------|-----------------|-------|-------------|---|---|---|
|------|---------------|-----------------|-------|-------------|---|---|---|



Barrier cable gland with unarmoured cable



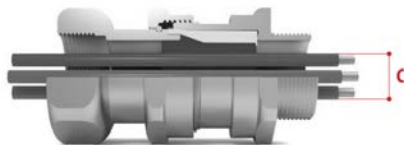
Barrier cable gland with armoured cable



Cable gland with gasket with unarmoured cable



Cable gland with gasket with armoured cable



Conduit sealing fitting

EXPLOSION-PROOF COMMUNICATION BOX

A communication box includes a 3-port RJ45 and 1 SFP port Ethernet switch and 24 VAC output for powering up to one of the following:

- 2x EXC2602 fixed compact cameras
- 2x EXF2230 fixed cameras with 2x washer pump
- 1x EXP2230 PTZ camera with 1x washer pump

| PART # | DESCRIPTION |
|---------|---|
| MBA1S5A | Aluminum housing, 230 VAC input. |
| MBA2S5A | Aluminum housing, 24 VAC input. |
| MBA3S5A | Aluminum housing, 120 VAC input. |
| MBX1MAA | AISI 316L stainless steel housing, 230 VAC input. |
| MBX2MAA | AISI 316L stainless steel housing, 24 VAC input. |
| MBX3MAA | AISI 316L stainless steel housing, 120 VAC input. |

| PART # | DESCRIPTION |
|--------|--|
| MBXMP | Adapter plate for communication box to MPXC0L or MPXCW mounts. AISI 316L stainless steel housing. |
| MBXWRE | Wrench for opening communication boxes, MBX. |
| MPXC0L | Pole mount adapter for use with ExSite cameras. For pole diameters from 110 mm (4.3") to 150 mm (5.9"). Max load 50 kg (110 lb.). AISI 316L stainless steel. |
| MPXCW | Corner mount adapter for use with ExSite cameras. Max load 50 kg (110 lb.). AISI 316L stainless steel. |

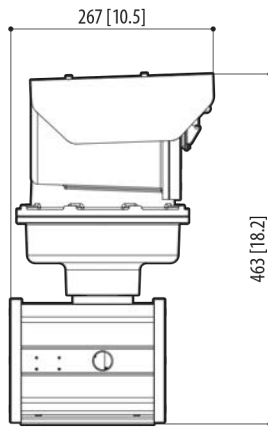
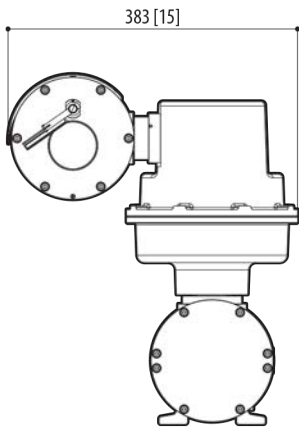
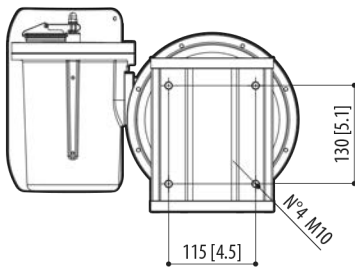
EXPLOSION-PROOF WASHER

A 10L (2.6 gal) tank with integrated manual pump and delivery up to 20m (66 ft), 24 VAC/VDC input.

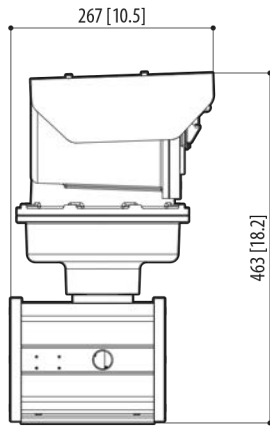
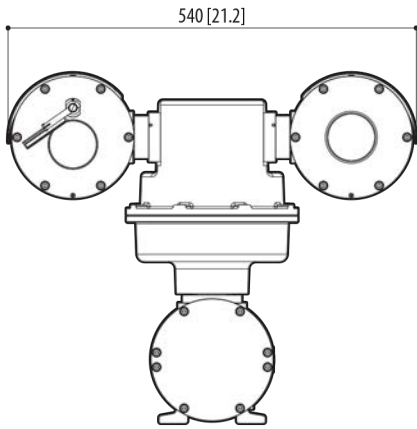
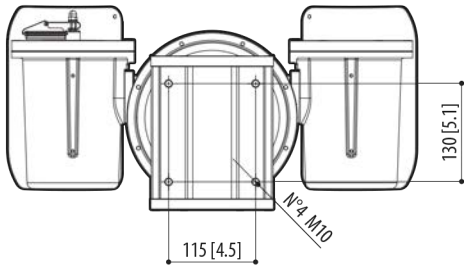
| PART # | DESCRIPTION |
|---|--|
| WASEX2T4AT WASEX2T4IC WASEX2T4IN WASEX2T4KC WASEX2T4GOR WASEX2T4UL | ATEX certified solenoid valve. IECEX certified solenoid valve. INMETRO certified solenoid valve. KCS certified solenoid valve (only 24 VDC). EAC Ex certified solenoid valve. cULus certified solenoid valve. |
| NXCOL | Pole mount adapter for use with EXF2230 cameras or explosion protected washers. For pole diameters from 110 mm (4.3") to 150 mm (5.9"). Max load 50 kg (110 lb.). AISI 316L stainless steel. |
| NXCW | Corner mount adapter for use with EXF2230 cameras or explosion protected washers. Max load 50 kg (110 lb.). AISI 316L stainless steel. |

DIMENSIONS

EXPP



EXPL



Values in parentheses are inches; all others are millimeters.

SUPPORT

Learn more and find additional documentation at pelco.com or email support@pelco.com for specific product support.



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