

MAXIMUS MHX

EXPLOSION-PROOF STAINLESS STEEL HOUSING

REVISION 1140



PRELIMINARY

MAIN FEATURES

Electropolished AISI 316L stainless steel housing

Explosion-proof certified

Indoor and outdoor installations

Weatherproof standard IP66

DESCRIPTION

MAXIMUS MHX explosion-proof, electro-polished housings are made of passivated AISI 316L steel for excellent resistance to UV rays, saline mist and pollutants present in the atmosphere.

Supplied with standard heater, the operating range of the housing is comprised between -40°C and $+60^{\circ}\text{C}$ (-40°F / $+140^{\circ}\text{F}$).

The housing features an integrated wiper, further to an innovative cabling system with removable connectors located on the motherboard of the housing. The electronics feeds and controls the wiper. The motherboard is expandable with the addition of a video encoder and of a board for the fibre optic video output. The MHX series is also suitable for use with IP cameras using the appropriate RJ45 connectors.

The addition of a configuration board complete with address, protocol and baud rate, allows the housing to be inserted into a RS485 network, which enables advanced checks on camera telemetry and allows wiper operation directly from the keyboard (RS485; RS422).



MHX



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TECHNICAL DATA

GENERAL

AISI 316L stainless steel construction
 Passivated and electropolished external surfaces
 Supplied with instruction manual and conformity declaration

MECHANICAL

2 x 3/4" NPT threaded holes for very convenient, trouble-free use of cable glands or sealing fitting
 Internal usable area (WxH): 80x88x245mm (3.1x3.5x9.6in)
 Glass window: Ø 75mm (2.9in)
 Built-in wiper
 Sunshield

ELECTRICAL

Heater Ton 10°C±4°C (50°F±7°F) Toff 25°C±3°C (77°F±5°F)

- Consumption 30W max

Glass protection device

- Consumption 5W max

Devices to install inside the housing

- Camera equipped with lens with max total power of 20W
- Power supply 12V, 24Vac, 110V, 230Vac

ENVIRONMENT



Indoor / Outdoor

Operating temperature with heater: -40°C / +60°C (-40°F / +140°F)

Always refer to the temperature in the marking.

CERTIFICATIONS

ATEX (EN 60079-0: 2010, EN 60079-1: 2008, EN 60079-31: 2010)

-  II 2 G Ex d IIC T6 T_A -40°C to +60°C Gb
-  II 2 D Ex tb IIIC T85°C T_A -40°C to +60°C Db
- IP66/67

IECEX (IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-31: 2008)

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UL pending