

## L0LA0201 Obelix Colour Graphics Display Module 10.4 Windows

The Type LOLA Graphics Display is a fully integrated water proof display module. LOLA, as it is affectionately known, combines a mix of industrial components and rugged manufacture making it suitable for all industrial applications where distributed display technology is required.

# **Specifications**

### **Embedded Industrial Graphics Module**

- 10.4" TFT Active Matrix Colour Panel
- SVGA Resolution
- 120 Viewing Angle

#### **Embedded Industrial Control Module**

- 300MHz Geode Processor (Fanless)
- 256MB Solid State Disk
- 128MB RAM (Non Socketed)
- Windows CE or Linux
- Site Programmable

#### **RS-422 Network**

- Optically Isolated
- Full Duplex to 115Kbps

## **Ethernet Network**

- 10BaseT Ethernet
- Static and Dynamic IP

### Operates -10 C to +65 C

• All industrial components

## Supply 90VAC - 260VAC

- 50/60Hz
- 20W

## **Heavy Duty Enclosure**

- Electroless Nickel Plated
- Environmental protection to IP67
- Rugged Construction

#### **Material**

- Enclosure is electros nickel plated mild steel.
- Bezel is electros nickel plated brass.
- Lense is Lexan.
- Mounting brackets are stainless steel.

## **Fasteners**

- M5 x 10mm x 8
- M4 x 10mm x 22
- M3 x 10mm x 4

#### Mass

8.5kg (18.7lb)



## **Typical Applications**

- Continuous Miners
- Continuous Haulage
- Long Wall Shearers
- Mobile Bolters
- Mobile Roof Supports
- Remote Control Scoops
- Remote Control Loaders
- Control Room Surface Monitoring

Datasheet-L0LA0101



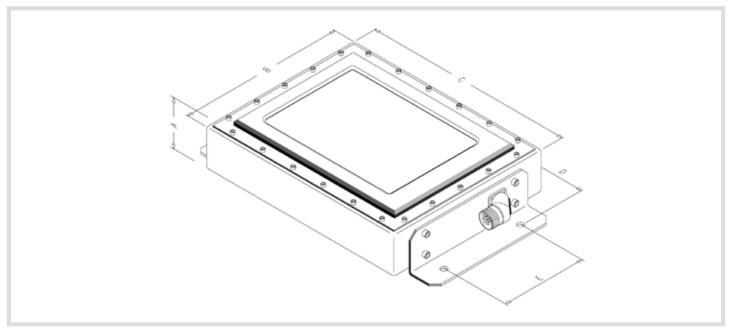
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Dimensions (mm)

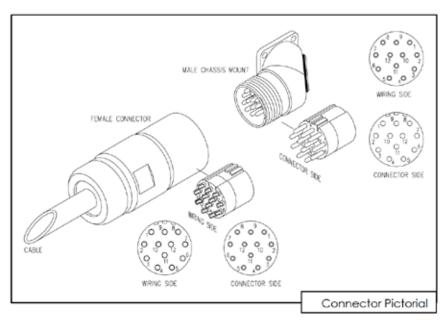
Dimension	Measurement	Description
Α	70	Height
В	249	Depth
С	316	Width
D	360	Mounting Centre- Width
Е	145	Mounting Centre - Depth



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## **Interface Description**

The Type LOLA Display Module utilizes an industrial waterproof connector that is unique when configured for use with the Obelix Control System via type or gender physically preventing improper installation.



### **CONNECTOR X**

Number	Contact Circon R 2.5 12Pin Male	Signal
X-1	Supply Input	110VAC Active
X-2	N/C	N/C
X-3	Supply Input	110VAC Neutral
X-4	RS-422 #1 RXD-	Communications
X-5	RS-422 #1 RXD+	Communications
X-6	RS-422 #1 TXD-	Communications
X-7	RS-422 #1 TXD+	Communications
X-8	Ethernet 10BaseT RXD+	Communications
X-9	Ethernet 10BaseT RXD-	Communications
X-10	Ethernet 10BaseT TXD+	Communications
X-11	Ethernet 10BaseT TXD-	Communications
X-12	N/C	N/C

## **Connector Assembly**

Part Number	Description
H0LA0101	Connector Assembly Display 3.7m
H0LA0401	Connector Assembly Display 7m
H0LA0701	Connector Assembly Display 2.5m

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