IS Display

Fully certified as Intrinsically Safe (Ex ia), our IS Displays are designed to withstand the harsh conditions of underground coal mines.

NEPEAN Power

- Fully certified as Intrinsically Safe (Ex ia)
- Available for use in both NSW & QLD underground coal mines
- 21.6" high resolution displays
- Adheres to IECEx TSA 23.0016 standard

- Ethernet connectivity via fibre optic cable
- Flexible screen location mounting due to 12V IS power supply
- No separate cabinet required for installation

Overview

Fully certified as Intrinsically Safe (Ex ia) for use in NSW & QLD underground coal mines, our IS Displays offer a simple, safe and reliable display solution for underground coal mine operations.

Our IS Displays seamlessly connect to industrial PCs using fibre optic cables for reliable and fast connection. Power is supplied through a 12V IS Power Supply, offering flexibility in choosing the display's mounting location.

Our IS Displays can also be used in conjunction with an IS Keyboard to allow for easy navigation and changing setpoints.

Featuring a unique design, our IS Displays can be installed in hazardous areas of underground coal mines without the need for specialised tools or installation in separate cabinets.

Specifications

- 21.6" high resolution display (1920 x 1080px resolution)
- Weight: 26kg
- Operating temperature: -20°C ~ +40°C
- Supplied by an IS power supply with 12VDC and 2A
- Power supply through SKK Plug
- Dimensions: 570W x 370H x 93D

Applications

Mining
- Underground coal mines across Australia

Ordering Information

Part Number	Description
35715003	IS Display (TMDXSQ(XH12(A)) IECeX Cert. 21.6" 12V DC

*HDMI to Fibre conversion module-fibre optic Transmitter M2-201SB-T included as standard

Revision 1.1

Specifications

IS Display

Available Configuration Options

Fibre Optic Cable

	15202058	Fibre Optic Cable to Display Approx 5mtrs Plug to Plug FJG18264-FJG18264-L5
	15206012	Fibre Optic Cable to Display Approx 10mtrs Plug to Plug FJG18264-FJG18264-L5

Fibre Optic Connector

	15206013	Fiber Optic Connector Socket Model No GYD18L4PN-4LC-S2- L0.3
	15207540	Fibre Optic Cable Socket JZ10-220G(@36x8)

Power Cable

	30726042	12V DC Power Cable Approx 4mtrs Plug to Plug conm/4d400 4d
	30726008	12V DC Power Cable Approx 10mtrs Plug to Plug conm/4d400 4d

Socket Body Connection

	25801072	4C socket body with 50cm wire module TMDPPI(SAC-H/ AUS).05B

Display Connections

	15211004	HDMI to Fibre conversion module-photoelectric HDMI-DVI

Revision 1.1

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