



Applied Resolution Technologies

Laser application technologies : Mining, Oil & Gas, Agriculture, Industrial,

SLX-635P

24 Years

Intrinsically Safe Laser Level & Survey Guide

The SLX-635P is a small class 2 alignment laser system used in underground mining for over 10 years. The laser product is robust enough for the toughest environment.

It's visible red beam is safe to use under all conditions, and the precision alignment of the laser beam axis to the Hexagonal body axis allows for battery changes without having to adjust alignment of the system.

Intrinsically safe by design. Tough. Rugged. Efficient. Safe.

CERTIFICATION

- IECEx SIM 09.0005 Ex ia I/IB 144 C
- Supported by Quality Management to IECEx OD 005
- Supported by IECEx SIM S0003 Service Facility Certification

Specifications :

- Visible laser 635nm (red)
- Laser power < 1.0mW
Class 2
- Working range > 70 m
- Approved to Standards :
IEC 60079-0:2017
IEC 60079-11:2011
IEC 60825-1:2014
- 145mm long, 1" Hex body
- Beam aligned to hex body using proprietary means.
- Hex shape for beam vs. body alignment checking.
- Electronically isolated diode laser component
- Micro laser control circuit with Auto Power Control.
- Reverse battery polarity protection
- Long battery life
- Simple rotary on/off switch with nylon-tipped set screw lock.
- Protective laser window head,.
- Embedded NiFeB magnets for simple attachment
- Spirit level for basic level
- Certification information engraved into the laser body for permanent label.
- Optional carry case
- Optional 90 degree prism heads
- Optional line output heads.

Related :

- SLX-635S sensor-enabled laser



APPLICATIONS :

- Underground survey and alignment
- Safe pointing, marking.
- Tunnel and excavation guidance

Manufactured, maintained and serviced in Australia.

Applied Resolution Technologies

Phone: 0407 54 2440

E-mail: geoff@appliedresolution.com.au

<http://www.appliedresolution.com.au>