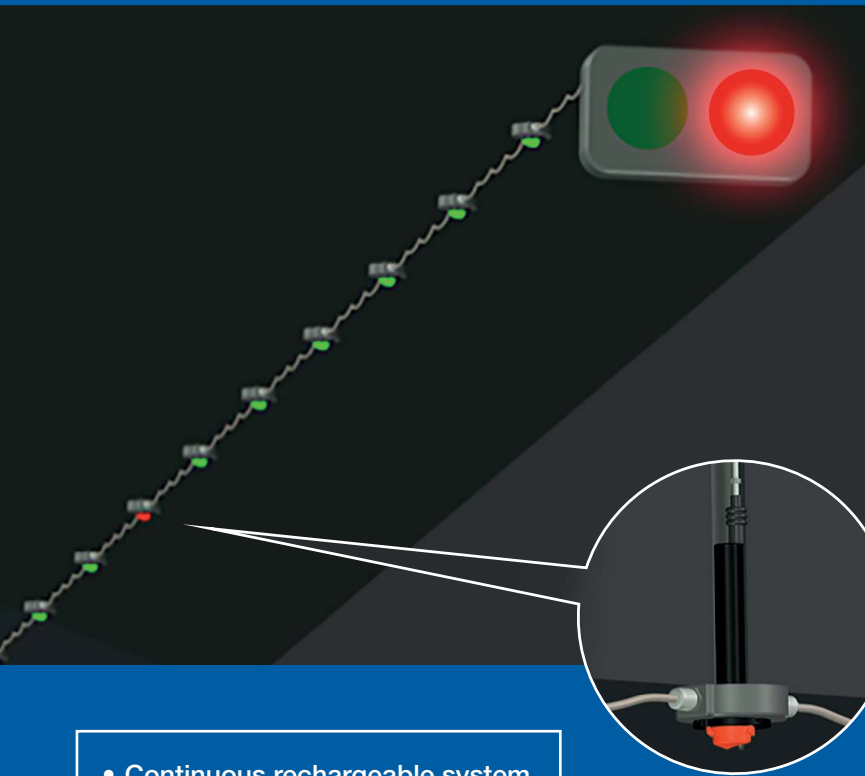


D-FOG™

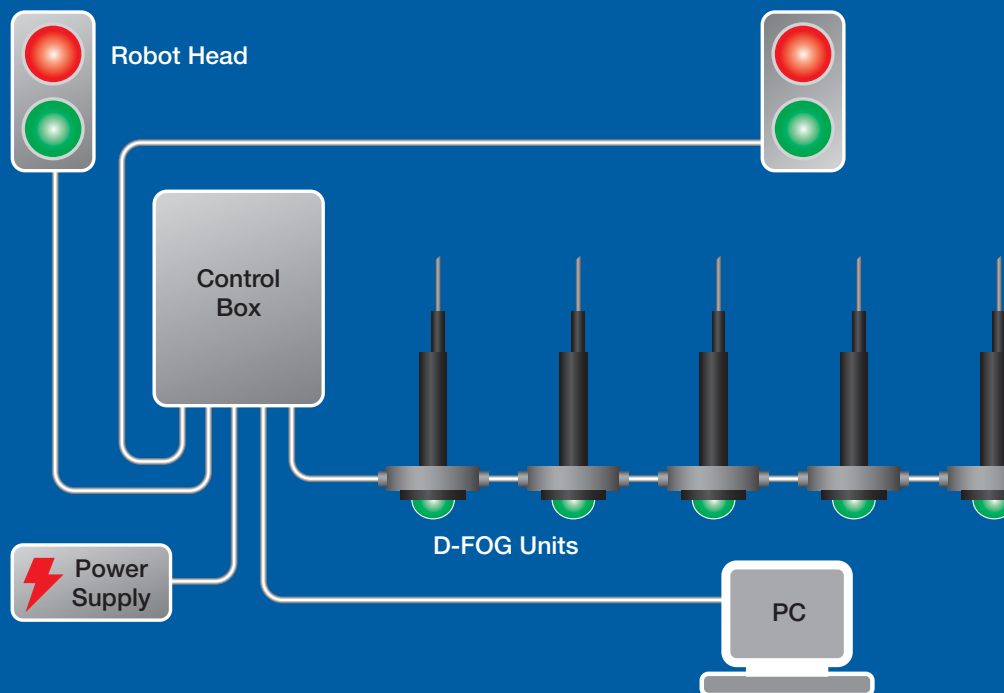
The **D-FOG System** is a Fall Of Ground detection system consisting of a chain of D-FOG (FOG-Light®) Units fixed into drilled holes in the hanging wall, wired in series and linked to a Control Box which in turn is linked to one or more Robot Heads and a PC link. The individual D-FOG Units are installed up to 16m apart and monitor the hanging wall.

If the system is healthy and the D-FOG Units are not triggered, the lights in the Units and in the Robot Heads will flash green.

Should potentially unsafe movement in the hanging wall or a fall of ground occur, the triggered D-FOG Unit will flash red and send a signal to the Control Box which in turn illuminates the appropriate warning lights on the Robot Heads. The Control Box also alerts a remote PC of the status. In the event a system fault, the Control Box will also drive the red lights in the Robot Heads and alert the PC.



- Continuous rechargeable system
- 16m cables supplied provide for spacing differences
- Total cable distance of 300m may be used
- Pre-determined values (1.5, 3, 4.5 or 6 mm)
- D-FOG Units are available in various lengths depending the thickness of hanging wall being monitored
- D-FOG Units have 12 months on-board battery life should the charging system fail
- Stand-alone battery backed-up unit
- SANS 10108 – units may be used in a hazardous area
- Power is fed to the Control Box at 110/220VAC
- Control Box back-up battery drives Robots for 5 hours
- Control Box has up to 4 strings of 15 Units each (total of 60 Units)



D6584 Doc: BR006 Rev: 01
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