

OP 100

Control unit, fibre optic alarm

Product :

Tension de l'alimentation	8 - 15 VDC
Appel de courant (veille)	5 mA
Appel de courant (alarme)	8 mA
Cote commutateur	50 VDC / 100 mA
Connexion	Screw terminals
Matériau du coffret	ABS Plastic
Couleur	Blanc
Température de fonctionnement	-10 to +70°C
Indice de protection	IP 31
Dimensions (L x l x h) mm	90 x 66 x 30






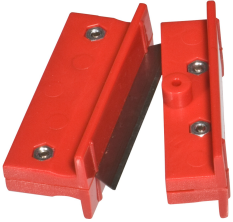

Product description:

The system consists of an interface unit, which is connected to an optical fibre. The control unit sends a coded pulsed light through the fibre. The signal is received by the control unit and is compared with that sent out. Monitored devices are connected to the fibre via specially designed brackets or through existing vents or similar in the monitored device. The control unit is connected to a 24-hour loop in the control panel and any attempt to remove a device or sabotage the optical fibre will generate an alarm.

The fibre allows the monitored device to be used in a normal way and the system is completely insensitive to electronic interference. The optical fibre is soft and about 2 mm in diameter, which makes it easy to bend. Maximum length of the fibre is 40m, which allows many devices to be monitored from one control unit.

The control unit has a relay output (NC) that can be programmed to latch or auto reset mode. The relay can be reset remotely via an input in the latch function. The LED indicator can follow the relay or solely function in day-mode.

Related products and accessories

 A set of stainless steel anchor components including two cylindrical anchors, a bolt, a nut, and a washer.	<p>OP 101</p> <p>Stainless steel anchor, fibre optic alarm</p>
 A coiled black optical fibre cable with a white tie and a small white label.	<p>OP 102</p> <p>Optical fibre, fibre optic alarm</p>
 A cylindrical metal splice sleeve with a textured surface.	<p>OP 103</p> <p>Splice sleeve, fibre optic alarm</p>
 A red plastic fibre cutter with a metal blade and a handle.	<p>OP 104</p> <p>Fibre cutter, fibre optic alarm</p>
 A complete fibre optic alarm kit including a coiled black optical fibre, a red fibre cutter, a stainless steel anchor, a splice sleeve, a bolt, a nut, and a washer, and a white alarm unit.	<p>OP 105</p> <p>Fibre optic alarm kit</p>