



Hytronic Sa (PTY) Ltd

**Corner Stanley & Max Street
Knights
Germiston
1401**

Direct sales India

COALEXPERT AND SOLUTION

**A-13, Avinash Smart City Sejbahar ,
Raipur Chhattisgarh -492015 India**

Mr. Prakash Singh Gaharwar +91 7000658207

prakashsingh@coalexpertindia.com

Product range

Lighting



Monitor



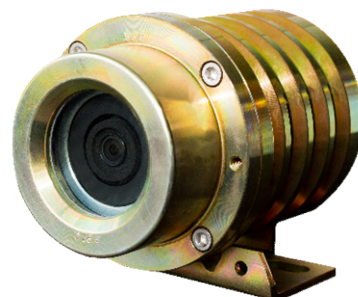
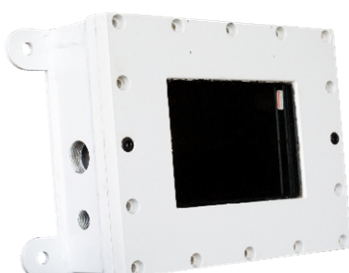
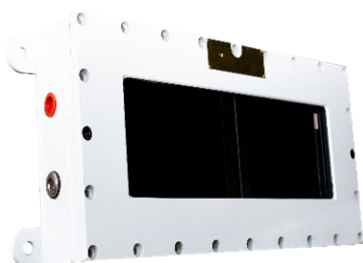
Switches



Warning systems



Camera systems



Lighting

FLP Headlight

S312LED-R

Rating: Zone 1 Ex d I/II 1500c

Certificate No: MASC MS/21-2420X

Voltage: 9-30 V DC/ 9-25 V AC

Power consumption: 14 to 18 watt



FLP Headlight

S316LED-R Maxi light

Rating: Ex d I/IIA T3/T4 Mb Gb

Certificate No: MASC MS/21-2420X

Voltage: 9-30 V DC/ 9-25 V AC

Power consumption: 14 to 18 watt



FLP double LED light: HDFL-1 / HDFL-2

Rating: Ex d I/II B T6 Mb Gb

Certificate No: MASC MS/13-839X

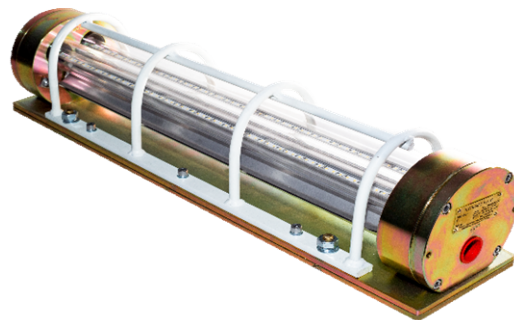
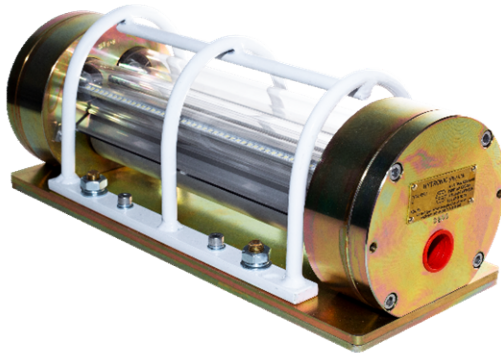
1 foot LED area light / 2 foot LED area light

Colour filters available

Voltage: 12V / 24V AC/DC / 110VAC / 128VDC / 220VAC

HDFL-1 Width 226 length 365

HDFL-2 Width 226 length 625



Pressure switches

OPS-DM1 SINGEL PRESSURE SWITCH

OPS-DM2 DOUBLE PRESSURE SWITCH

OPS-DM3 TRIPLE PRESSURE SWITCH

OPS-DM4 QUAD PRESSURE SWITCH

OPS-DM1

Rating: Ex d I/II T4

Certificate No: MASC MS/12-068X

Normally open or normally closed

Pressure switch

0.1 to 1 bar

1 to 10 bar

10 to 20 bar

20 to 50 bar



OPS-DM3

Rating: Ex d I/II T4

Certificate No: MASC MS/M20-2218X

Normally open or normally closed

Pressure switch

0.1 to 1 bar

1 to 10 bar

10 to 20 bar

20 to 50 bar

Various options of 3x Switches



LS10 Flameproof limit switch

Rating: Ex d I/II A T4

Certificate No: MASC MS/12-223X

Limit switch

Plunger Head

Roller Plunger Head

Roller Lever Head

Hytronic Roller Plunger Head



HMHES Stop station

Stop station

Rating: Ex d I/II B T4



CSS

Coal trip switch

Rating: Ex d I/IIA T4

Certificate No: MASC MS/12-235X



HJCB

Junction box

Rating: Ex d I/II B T4

Certificate No: MASC MS/13-837



HMHES emergency stop

Rating: Zone 1 Ex d I/II 1500c

Emergency stop switch

Lockable option on request



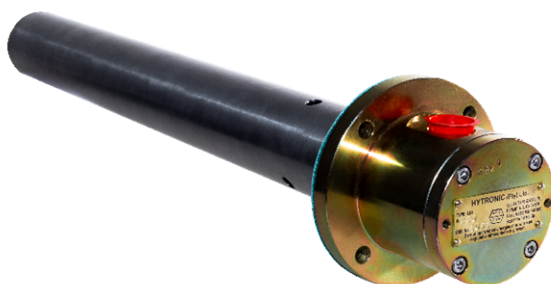
LS4

Oil level and temperature switch

Rating: Ex d I/IIA T4 Mb Gb

Certificate No: MASC MS/17-0018X

Size range up to 2000mm



HMHES start/stop station

Rating: Ex d I/IB T4

Certificate No: MASC MS/13-838X (R1)

Start stop switch



HMHES spring return

Rating: Zone 1 Exd I/II 1500 C

Spring return switch

Non latching



Warning Systems

HSHC Siren

Diameter 132

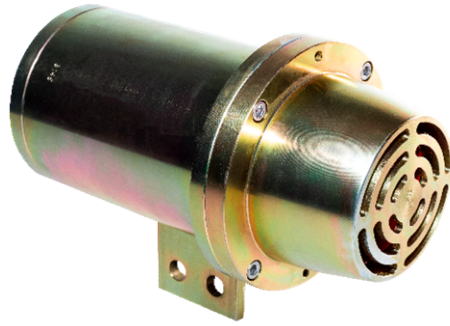
Rating: Zone 1 EXD I/II A 150oC

Voltage: 9-50v AC/DC

Voltage: 110-220v AC

Certificate No: MASC MS/21-2421X

5 tone siren



HSHC-OPS siren

5 tone sire with pressure switch

Diameter 132

Rating: Zone 1 EXD I/II A 150oC

Voltage: 9-50v AC/DC

Voltage: 110-220v AC

Normally open or normally closed

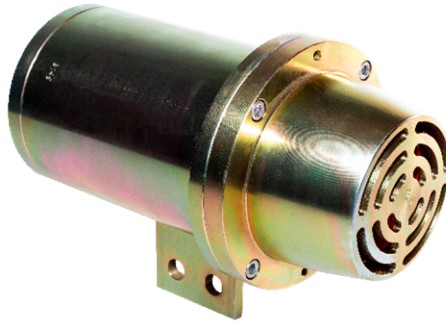
Pressure switch

0.1 to 1 bar

1 to 10 bar

10 to 20 bar

20 to 50 bar



HAFC

Siren / LED Flasher Combination

Available in Red, Green and Amber

Ex d ia/ib I/IIA T4

Voltage: Low Voltage 9v - 36v AC

Voltage: High Voltage 75 - 250v

Voltage: 128v DC

Certificate No: MASC MS/12-317x



HFRL

Flp Rotating LED Flasher - Red

Available in Red, Green, Amber, Blue and White

Ex d ib I/IIB T4

Voltage: Low Voltage 9v - 36v

Voltage: High Voltage 75 - 250v

Voltage: 128v DC

Certificate No: MASC MS/14-0407X



HFRLBB

Flp Battery Back up LED Flasher - Red

Available in Red, Green, Amber, Blue and White

Ex d ib I/IIB T4

Voltage: 12V

Certificate No: MASC MS/12-060X



Monitors

HBM

Flp Battery monitor

Ex d ib I/IIA T3/T4 Mb Gb

Voltage: 128vDC

Certificate No: MASC MS/21-0240X



HHAM Analogue or Digital

Flp Hour / Amp Meter

Analogue or Digital

Ex d ib I/IIA T3/T4 Mb Gb

Voltage: Up to 220vAC

Certificate No: MASC MS/21-0240X



HLB Red / Green Laser Line

Flp Laser Beam

Ex d ib I/IIA T3/T4 Mb Gb

Voltage: Line - 12v Red

Voltage: Spot - 12v Red

Voltage: Line - 12v Green

Certificate No: MASC MS/21-02420X



HRBI

Flp Roof Bolting Indicator

Ex d ib I/IIA T3/T4 Mb Gb

Voltage: 12v

Also in HFRL type

Certificate No: MASC MS/21-02420X



HLD Red / Green

Flp LED Display

Available in Red, Green and Amber

Ex d ib I/IIA T3/T4 Mb Gb

Voltage: 12v AC/DC

Voltage: White (Static) - 12v AC/DC

Voltage: Blue (Static) - 12v AC/DC

Other colors on request



Certificate No: MASC MS/21-02420X

Camera Systems

Dual screen

NVR Digital Recorder

Single Screen

HCAM up to 3 cameras

Non-recordable option available

