



## TECHNICAL BULLETIN NO. MD95100-0101-001

### MD95100 REMOTE DIGITAL HOT METAL DETECTOR LAYOUT

A complete MD95100 Remote Digital Hot Metal Detector (HMD) consists of a "All-In-One" Remote Controller, a Power/Output Electrical Cable, a Fiber Optic Cable, an Optic Lens, a Lens Holder and an optional Mounting Stand.

The MD95100 "All-In-One" Digital Hot Metal Detector Remote Controller is mounted in a safe accessible area.

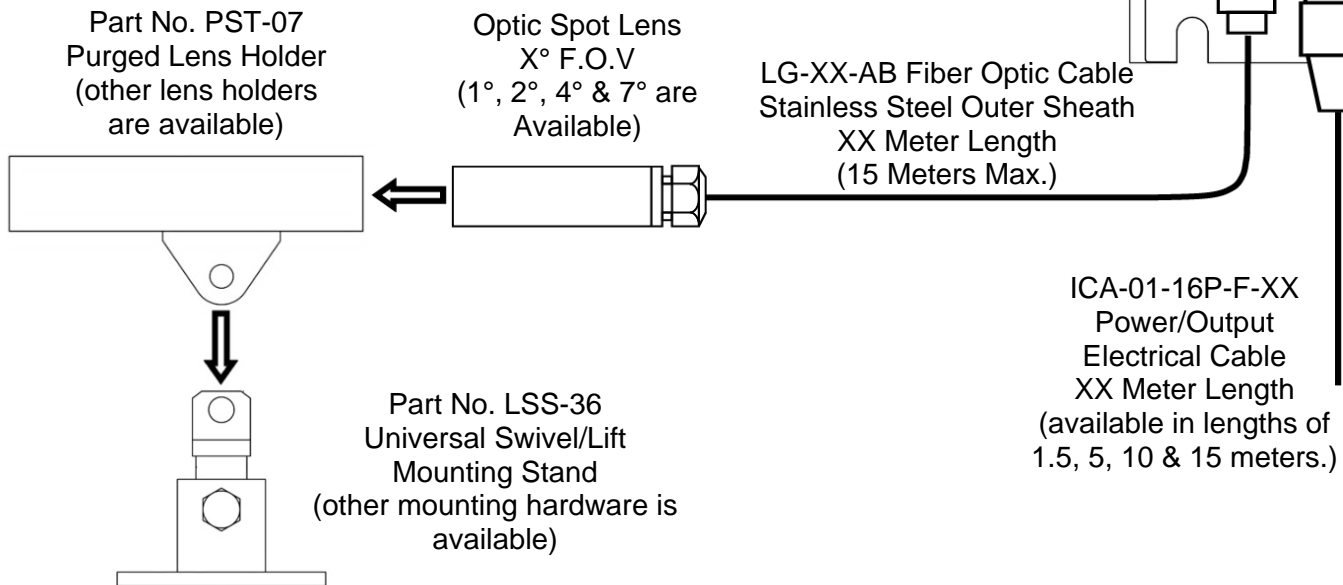
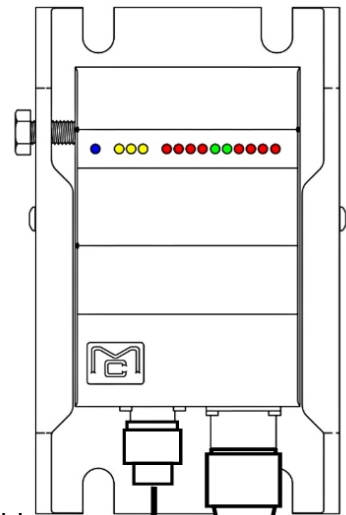
Robust lenses are mounted close to hot product or hot metal where ambient temperatures are subject to extreme variation. Impervious to water or steam and built to withstand the harshest mill environments. Used in conjunction with flexible armored fiber optic leads, these lenses provide a high level of accuracy by allowing the selection of the ideal lens arrangement for the installation.

Robust Optic Lenses with temperature ratings of 180°C, 400°C and 1000°C can be mounted close to the hot product. Spot Lenses are available in 1°, 2°, 4°, 7° F.O.V.

Lenses are used in conjunction with flexible armored fiber optic cables which are available in lengths of 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 & 15 meters.

Various robust Lens Holders are available including air purged, air purged & air cooled, and air purged & water cooled.

MD95100  
"All-In-One"  
Hot Metal Detector  
Remote Controller



## MODULOC<sup>®</sup> Technology - The Total Sensor Solution