weber
foto-captor

Special features

- Programmability
- One unit for all supply voltages from 24 V to 240 V, DC or AC
- Different output versions
- Simple installation
- Reliable
- Rugged
- Maintenance-free

programmable foto-captor
Type 19--.99

Software replaces hardware for the ultimate in programmability.

For nearly 50 years, weber Sensors has earned the reputation as the leader in industrial hot metal detectors (HMD). With the introduction of the new programmable foto-captor, weber's reputation for innovation and reliability is further strengthened.

With the programmable set-points of the new weber foto-captor, you can use one foto-captor for all applications in virtually any conditions.

The foto-captor allows you to program set-points to your specific applications from 300°C to 800°C in 100°C steps (or Fahrenheit equivalents of 570°F to 1500°F) with hysteresis at 50°C (90°F) below your programmed set-point temperature. The hysteresis can also be programmed to 100°C (180°F) and 150°C (270°F) below the set-point.

The programmable foto-captors are compact and rugged with a water-cooled capabilty (optional air-purge is available).

With the electrical connections provided by this unit you can:

- Choose an operating voltage from 18 to 53V DC or from 80 to 265V AC
- Use this system in a 2 or 3 wire mode
- Have the output as semiconductor- or potential-free optocoupler (short-circuit protected).

The weber foto-captor is ideally suited for the harshest industrial environments. Therefore, it is possible to install foto-captor close to the hot metal (50 cm / 20 in.), or even at a distance of more than 20 m (60 ft.)

The variety of lens configurations enables you to meet most stringent operating requirements. The variety of viewing fields allows for specific optics for applications to ensure detection of material positions.

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weber
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