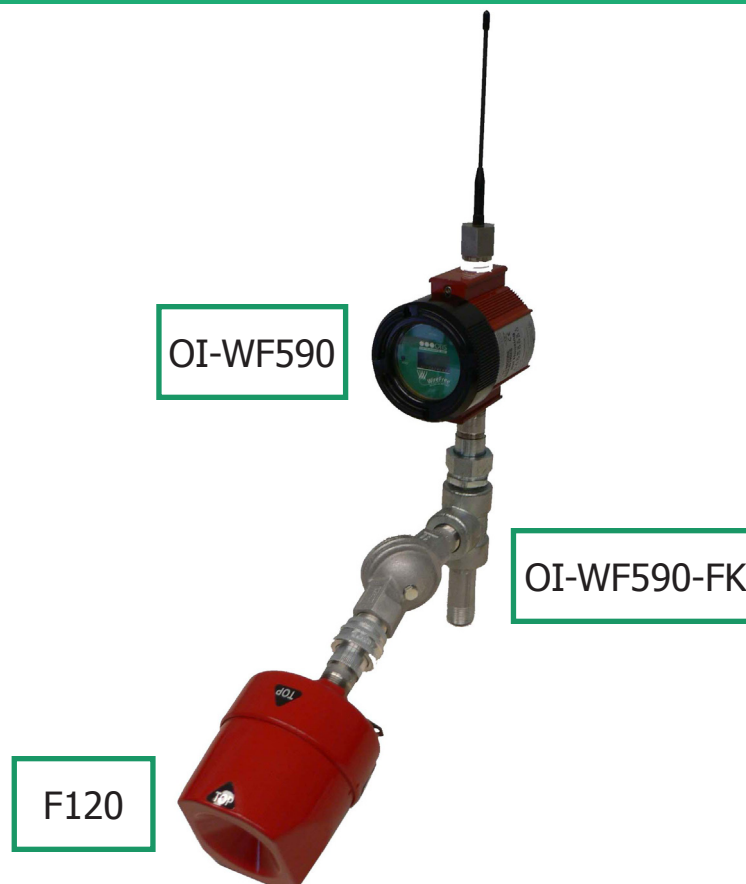


OI-WF590 4-20mA WireFree Transmitter by Otis Instruments, Inc.

SPECIFICATIONS

- **SENSOR TYPE:** Any sensor or device with a 4-20mA output
- **RADIO:** ISM (industrial, scientific and medical) band
900 MHz (902 – 928 MHz)
FHSS (frequency hopping spread spectrum)
100 mW EIRP (w/ 2.1 dBi dipole antenna)
- **UNIT ADDRESS:** Otis WireFree unit address; 1-255
- **VOLTAGE:** 12 to 30 Volts DC
- **POWER CONSUMPTION:** Nominal: 50mA @ 12 VDC in a static condition
- **RADIO TRANSMISSION:** Every 1 minute with no change from the sensor
Every 5 seconds with change from the sensor
- **CERTIFICATIONS:** Explosion proof; Class I, Div. 1, Groups A,B,C,D
- **WARRANTY:** One year (limited)

Shown below is an example of the OI-WF590 setup for a fire application using a flame kit and F120 flame detector.



OI-WF590 4-20mA WireFree Transmitter by Otis Instruments, Inc.

To be used with ANY wired sensor with a 4-20mA output
Flame • Temperature • Tank Level • Pressure • Etc.

FEATURES/BENEFITS

- No conduit necessary between the sensor and monitor ensures FASTER, CHEAPER and EASIER installation
 - Ability to use existing sensors
 - Works with any 4-20mA output sensor
- Allows for use of multiple receivers in multiple locations
- Use any Otis WireFree receiver to complete the wireless application
 - Explosion proof: Class I, Division 1, Groups A, B, C, & D



OI-WF590