Order codes

Part Number Trees - “Pyro” Infrared Temperature Sensors

PyroCouple Series

PCxxx xx - x xx

- Cooling
  (blank) = Uncooled sensor
  WJ = Air/water cooled jacket with air purge collar

- Output option
  0 = 2 wire, 4-20mA
  1 = 4-wire, 0-50mV (target temp.), 4-20mA (sensor temp.)
  2 = 4-wire, T Thermocouple (target temp.), 4-20mA (sensor temp.)
  3 = 4-wire, J Thermocouple (target temp.), 4-20mA (sensor temp.)
  4 = 4-wire, K Thermocouple (target temp.), 4-20mA (sensor temp.)

- Temperature range
  LT = -20 to +100 ºC
  MT = 0 to 250 ºC
  HT = 0 to 500 ºC (not normally available on PC21 models)

- Field of view
  21 = 2:1 divergent optics
  151 = 15:1 divergent optics
  301 = 30:1 divergent optics
  CF = Close-focus optics (focal spot size 5 mm at 100 mm distance)

PyroCouple M Series

PCMxxx xx - x xx

- Output option
  0 = 4-20 mA
  1 = 0-50 mV
  2 = T Thermocouple
  3 = J Thermocouple
  4 = K Thermocouple
  5 = 0-5V

- Temperature range
  LT = -20 to +100 ºC
  MT = 0 to 250 ºC
  HT = 0 to 500 ºC (not normally available on PCM21 models)

- Field of view
  21 = 2:1 divergent optics
  151 = 15:1 divergent optics
  301 = 30:1 divergent optics
  CF = Close-focus optics (focal spot size 5 mm at 100 mm distance)
PyroEpsilon Series

PExxx xx xx  e.g. PE21LT

- **Cooling**
  - (blank) = Uncooled sensor
  - WJ = Air/water cooled jacket with air purge collar

- **Temperature range**
  - LT = -20 to +100 ºC
  - MT = 0 to 250 ºC
  - HT = 0 to 500 ºC (not normally available on PE21 models)

- **Field of view**
  - 21 = 2:1 divergent optics
  - 151 = 15:1 divergent optics
  - 301 = 30:1 divergent optics
  - CF = Close-focus optics (focal spot size 5 mm at 100mm distance)

PyroBus Series

PBxxx xx  e.g. PBCF

- **Cooling**
  - (blank) = Uncooled sensor
  - WJ = Air/water cooled jacket with air purge collar

- **Field of view**
  - 21 = 2:1 divergent optics
  - 151 = 15:1 divergent optics
  - 301 = 30:1 divergent optics
  - CF = Close-focus optics (focal spot size 5 mm at 100mm distance)

PyroUSB Series

PUxxx xx  e.g. PU301WJ

- **Cooling**
  - (blank) = Uncooled sensor
  - WJ = Air/water cooled jacket with air purge collar

- **Field of view**
  - 151 = 15:1 divergent optics
  - 301 = 30:1 divergent optics
  - CF = Close-focus optics (focal spot size 5 mm at 100mm distance)
PyroUSB 2.2 Series

PUxxx xx 2.2 xx e.g. PU751MT2.2WJ

Cooling
(blank) = Uncooled sensor
WJ = Air/water cooled jacket with air purge collar

Temperature range
LT = 45 to 300°C (model PU151LT2.2 only)
PT = 100 to 400°C (model PU151PT2.2 only)
MT = 250 to 1000°C
HT = 450 to 2000°C

Field of view
- 151 = 15:1 divergent optics (model PU151LT2.2 and PU151PT2.2 only)
- 251 = 25:1 divergent optics
- 751 = 75:1 divergent optics
 CF = Close-focus optics (focal spot size 7.5 mm at 500 mm distance)

PyroPen Series

PYROPEN x e.g. PYROPEN U

Model
- E = Temperature range -20 to +500 °C, fixed emissivity, display hold, max, min, average, 0.1°C resolution
- L = As PyroPen E but with adjustable emissivity and laser sighting
- U = As PyroPen L but with 100-point memory, USB interface, cable and software