

Stationary pyrometer **PyroUSB 2.2**

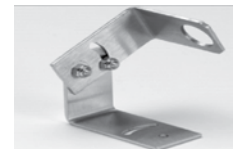
Technical description

Characteristic
<ul style="list-style-type: none"> – non-contact temperature measurement – metallic surface measurement – analog output (4 ÷ 20) mA and USB interface – configuration of pyrometer parameters and visualization of measurements using CalexSoft software – steel stainless housing (IP65) – quick and easy assembly – cable length: 1 m (USB interface and analog output)
Measuring range
(-45 ÷ 2000) °C (acc. to the type)
LT: (45 ÷ 300) °C (only the PU151LT2.2)
MT: (250 ÷ 1000) °C
HT: (450 ÷ 2000) °C
Accuracy*
±1% of range or ±1 °C
Recurrence*
±0,5% of range or ±0,5°C
Response time t_{09}
240 ms
Emissivity factor
(0,1 ÷ 1,0)
Optics
15:1; 25:1; 75:1; CF (ø7,5 mm@500 mm)
Power source
24 V DC (min. 8 V DC)
Output impedance
56 Ω (voltage output and thermocouple output)
Operating conditions
<ul style="list-style-type: none"> – temperature: (0 ÷ 70) °C – humidity: <95% RH without condensation
Dimensions [mm]
<ul style="list-style-type: none"> – diameter: ø25 – length: 106,5
Thread dimension
M20x1
Measuring spectrum
(2 ÷ 2,4) μm

* for emissivity = 1, object temp. > pyrometer temp. 20 °C



FBL - mounting bracket



ABL - adjustable mounting bracket



WJ - cooling cover air / water



APL - cleaning system lenses

PYROMETERS

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Ordering code

Stationary pyrometer		... - ...
Type:		
PU151LT2.2 (45 ÷ 300) °C		PU151LT2.2
PU251MT2.2 (250 ÷ 1000) °C		PU251MT2.2
PU251HT2.2 (450 ÷ 2000) °C		PU251HT2.2
PU751MT2.2 (250 ÷ 1000) °C		PU751MT2.2
PU751MT2.2 (450 ÷ 2000) °C		PU751MT2.2
PUCFMT2.2 (250 ÷ 1000) °C		PUCFMT2.2
PUCFHT2.2 (450 ÷ 2000) °C		PUCFHT2.2
Additional accessories:		
mounting bracket		FBL
adjustable mounting bracket		ABL
cooling cover air / water		WJ
cleaning system lenses		APL

Ordering example

Stationary pyrometer **PU151LT2.2-FBL**