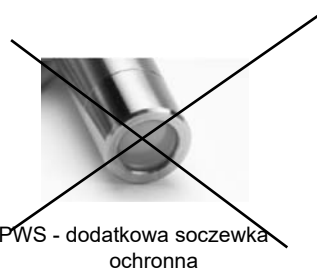


## Stationary pyrometer with display **PyroMini**

### Technical description

|  |
|--|
| <b>Characteristic</b>                    |
| – non-contact temperature measurement    |
| – touchscreen (optional)                 |
| – stainless steel housing (316)          |
| – cable length: 1 m                      |
| – regulated emissivity                   |
| – MicroSD card: max. 32 GB (option)      |
| <b>Measuring range</b>                   |
| (-20 ÷ 1000) °C                          |
| <b>Accuracy</b>                          |
| ±1% of range or ±1°C                     |
| <b>Recurrence</b>                        |
| ±0,5% of range or ±0,5°C                 |
| <b>Response time <math>t_{09}</math></b> |
| 240 ms                                   |
| <b>Emissivity factor</b>                 |
| (0,20 ÷ 1,00)                            |
| <b>Optics</b>                            |
| 2:1, 15:1, 20:1, 30:1                    |
| <b>Power source</b>                      |
| 24 V DC ±5%                              |
| <b>Maximum current draw</b>              |
| 100 mA                                   |
| <b>Operating conditions</b>              |
| – temperature: (0 ÷ 60) °C               |
| – humidity: <95% RH without condensation |
| <b>Head dimensions [mm]</b>              |
| ø18                                      |
| <b>Thread dimension</b>                  |
| M16x1                                    |
| <b>Measuring spectrum</b>                |
| (8 ÷ 14) μm                              |



### Ordering code

| Stationary pyrometer                                   | PyroMini - ... - ... - ... - ... |
|--|----------------------------------|
| Ambient temperature:<br>(0 ÷ 60) °C                    | MA                               |
| (0 ÷ 120) °C (for optics 20:1)                         | JA                               |
| (0 ÷ 180) °C (for optics 20:1)                         | TA                               |
| Optics:  |                                  |
| 2:1  | 21                               |
| 15:1   | 151                              |
| 20:1   | 201                              |
| 30:1   | 301                              |
| CF   | CF                               |
| Measuring range:                                       |                                  |
| (-20 ÷ 100) °C   | LT                               |
| (0 ÷ 250) °C   | MT                               |
| (0 ÷ 500) °C   | HT                               |
| (0 ÷ 1000) °C  | XT                               |
| configurable range for CR, BB, CRT: (-20 ÷ 1000) °C    | CT                               |
| Output with interface:                                 |                                  |
| (4 ÷ 20) mA, with touchscreen                          | CB                               |
| (4 ÷ 20) mA, two alarm relay outputs,                  | CRT                              |
| RS485 Modbus, with touchscreen                         | BB                               |
| RS485 Modbus, two alarm relay outputs with touchscreen | BRT                              |

### Ordering example

Stationary pyrometer PyroMini-MA-21-LT-CB