

# PosiTector® **DPM** Probe Order Guide

| Probe Style                                     | DPM                                                                               | DPMIR                                                                             | DPMS                                                                              | DPMA                                                                                | DPMD                                                                                |
|-------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Comparison Chart                                |  |  |  |  |  |
| Probe Description                               | Integral Probe                                                                    | Integral Probe with Infrared Surface Temperature Sensor                           | Integral Probe with Cabled Surface Temperature Sensor                             | Integral Probe with Wind Speed Sensor                                               | Cabled Probe with 1/2" NPT Threads                                                  |
| Order Code                                      | PRBDPM                                                                            | PRBDPMIR                                                                          | PRBDPMS                                                                           | PRBDPMA                                                                             | PRBDPMD                                                                             |
| Surface Temperature                             | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   |                                                                                     |
| Air Temperature                                 | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   | •                                                                                   |
| Wet Bulb Temperature*                           | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   | •                                                                                   |
| Relative Humidity                               | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   | •                                                                                   |
| Dew Point Temperature                           | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   | •                                                                                   |
| Surface Temperature minus Dew Point Temperature | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   |                                                                                     |
| Wind Speed                                      |                                                                                   |                                                                                   |                                                                                   | •                                                                                   |                                                                                     |

\* Wet Bulb Temperature displayed/recorded on PosiTector Advanced (3) models only

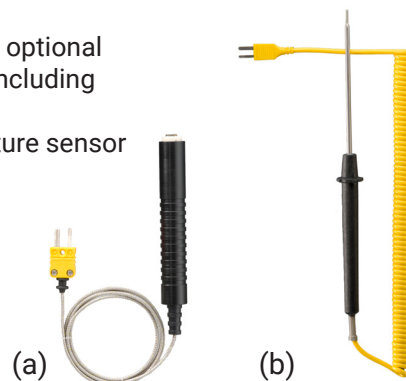
| Specifications                            | Range          | Accuracy                                     | Resolution |
|-------------------------------------------|----------------|----------------------------------------------|------------|
| Surface Temperature                       | -40° to 80° C  | ± 0.5° C                                     | 0.1° C     |
|                                           | 80° to 190° C  | ± 1.5° C                                     |            |
|                                           | -40° to 175° F | ± 1° F                                       | 0.1° F     |
|                                           | 175° to 375° F | ± 3° F                                       |            |
| Infrared Surface Temperature <sup>1</sup> | -70° to 380° C | ± 1°C + 1% <sup>2</sup>                      | 0.1° C     |
|                                           | -94° to 716° F | ± 2°F + 1% <sup>2</sup>                      | 0.1° F     |
| Air Temperature                           | -40° to 80° C  | ± 0.5° C                                     | 0.1° C     |
|                                           | -40° to 175° F | ± 1° F                                       | 0.1° F     |
| Humidity                                  | 0 to 100%      | ± 3%                                         | 0.1%       |
| Wind Speed <sup>3</sup>                   | 0 to 20 m/s    | ± 3% Full Scale<br>+ least significant digit | 0.1 m/s    |
|                                           | 0 to 44 mph    |                                              | 0.1 mph    |
| Dew Point                                 | -60° to 80° C  | ± 3° C <sup>4</sup>                          | 0.1° C     |
|                                           | -76° to 175° F | ± 5.4° F <sup>4</sup>                        | 0.1° F     |

- Magnetic surface temperature sensor with armored cable and locking device to prevent accidental disconnection from the instrument during unattended operation
- Includes magnetic tab to attach the PosiTector body onto steel structures

Easily converts to accept other optional K-type thermocouple sensors including

(a) hand-held surface temperature sensor

(b) liquid temperature sensor



1. DPM IR models only

2. At 23° C (73° F) ambient

3. DPM A models only

4. dependent on RH. See [www.defelsko.com/TdAccuracy](http://www.defelsko.com/TdAccuracy) for more information.

**DeFelsko®**  
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