

Phason 3K and 20K temperature sensors

Rugged, durable, extendable, and available in a variety of lengths

Phason's rugged and durable temperature sensors are available for all our temperature-based products. The 3K and 20K temperature sensors are for monitoring temperatures ranging from -49 to 122°F (-45 to 50°C). The sensors come in lengths of 1, 6, 30, 75, or 150 feet, and can be extended up to 500 feet using extension cable and a Temperature Probe Junction Box.

See the reference guide on the next page for models and compatibility.

- Easy installation
- Rugged and durable design
- Extendable to 500 feet
- Weather and UV-resistant cable
- Limited warranty (90 days)



Accessories

Temperature Probe Junction Box

The Temperature Probe Junction Box (**model TP-JUNCTION-BOX**) makes it easy to install and extend temperature sensors to the exact cable length you need. Instead of having to and splice cable, you simply run the amount of cable you need from the control and connect it to the terminal block inside the sealed enclosure.

- Standard 1-foot, 3K temperature sensor
- Terminal block for easy connection
- Rugged enclosure (corrosion resistant, water resistant, and fire retardant)
- Limited warranty (90 days)



Extension cable

Extension cable (**model W20/2X1000**) is available in a 1000-foot spool of 20-gauge, 2-conductor cable you can use to extend temperature sensors. This is the same durable, rugged, weather-resistant cable we use for our sensors.



Phason temperature sensor reference guide

Products using 3K sensors	Compatible sensors
AEC-2	
AUTOFLEX (all versions)	
ECC-1, ECC-2	
FC-1T-1F	
FC-1T-1VAC-1F	
FC-1T-2VAC-3F	
FC-1T-1VDC	
FHC-1D	
HMB, HMC, PBx-HMC (See the note below)	
IN-4	MT-P3B (1 foot)
LEM	MT-P3A (6 feet)
NVC, NVC-12V	MT-P3A/30 (30 feet)
NVC-2, NVC-2-12, NVC-2-24	MT-P3A/75 (75 feet)
OWS	MT-P3A/150 (150 feet)
PEC	TP-JUNCTION-BOX (1 foot, plus extension)
PEC-PLUS, PEC-PLUS-RS, PLUS-TOUCH	
PB-1, PB-2, PB-3, PB-4, PB-5, PB-6	
PBx-10, PBx-11	
SEC-DC, SEC-HD	
SSC-1D	
SSV-DC	
SUPRA, SUPRA-RS, SUPRA-TOUCH	
TVS	
VTC-1D	

Products using 20K sensors	Compatible sensors
FC-1T-1VAC	MT-P3 (1 foot)
MTC-3C, MTC-3C-8.5	MT-P3/30 (30 feet)
MTC-4C	



- HMB, HMC, and PBx-HMC heat mat controllers have the option to use mats that have an internal sensor (1K Ω at 25°C), such as the Hog Hearth® heat mat.
- You can extend temperature sensors up to 500 feet. Extension cable (model W20/2X1000) is available in 1000-foot spools.

For more information about Phason temperature sensors or other Phason products, contact your dealer or visit www.phason.ca.