Model 1700A Six-Channel Temperature Monitoring System (RTD Based - Clamp-On Collar)

How to order: *(Quick-ship range/option combinations available. See Web site.)*
Enter the product order code. For example:

1700A
Order code

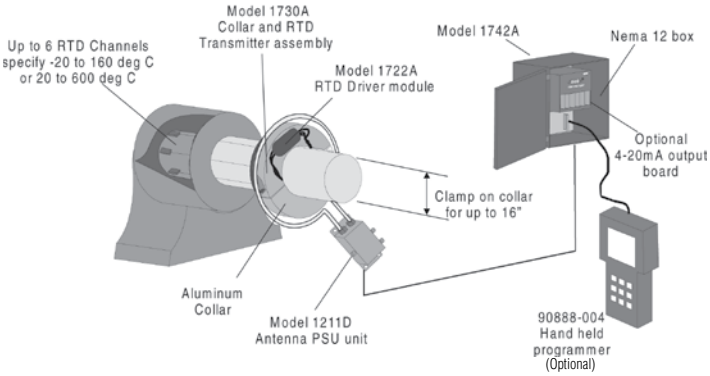
Order codes

1700A Model 1700A six-channel temperature monitoring system (RTD based - clamp-on collar)

The 1700 systems are designed as instruments to monitor large motors (350 HP and larger). The systems monitor up to six customer-set temperature points, using RTDs (see Models 1705 and 1706 for thermocouples) and provide an alarm output for over-temperature conditions. The system can be configured to shut down the motors using the alarm output.

The Model 1700 system scans multiple Resistance Temperature Devices (RTDs) installed within the rotor windings or the starter bars providing data on minute changes in the thermal condition of the motor. Temperature monitoring of the windings is key to smooth operation. Overheating is a clear signal of an impending problem.

This system monitors up to six RTD type temperature sensors and indicates the temperatures on an alphanumeric display. Any channel with a temperature greater than a programmable alarm set point can be displayed. The alarm feature has a relay output. The non-contact transmission method means no-fault path from the rotor to ground exists.



Model 1701A Six-Channel Temperature Monitoring System (RTD Based - Strap-On Collar)

How to order: *(Quick-ship range/option combinations available. See Web site.)*
Enter the product order code. For example:

1701A
Order code

Order codes

1701A Model 1701A six-channel temperature monitoring system (RTD based - strap-on collar)

The 1701 systems are designed as instruments to monitor large motors (350 HP and larger). The systems monitor up to six customer-set temperature points, using RTDs (see Models 1705 and 1706 for thermocouples) and provide an alarm output for over-temperature conditions. The system can be configured to shut down the motors using alarm output.

The Model 1701 system scans multiple Resistance Temperature Devices (RTDs) installed within the rotor windings or the starter bars providing data on minute changes in the thermal condition of the motor. Temperature monitoring of the windings is key to smooth operation. Overheating is a clear signal of an impending problem.

This system monitors up to six RTD type temperature sensors and indicates the temperatures on an alphanumeric display. Any channel with a temperature greater than a programmable alarm set point can be displayed. The alarm feature has a relay output. The non-contact transmission method means no-fault path from the rotor to ground exists.