

**High**  
Functionality

# Temperature Transmitter DR 4700

Temperature Measuring  
With Pt100/Pt1000-Sensors

With the configurable Temperature Transmitter DR 4700 DRAGO is extending its offer on high functional and high reliable components of the interface technique.

The Temperature Transmitter DR 4700 converts the sensor signal on input to temperature linear standard signal 0/4 ... 20 mA or 0 ... 5/10 V. Due to the easy selection of the input and output ranges, the new universal power supply and the ultra small housing the Temperature Transmitter is suitable for flexible use. High reliability and Protective 3-Port-Separation are further characteristics that make the DR 4700 unrivaled.

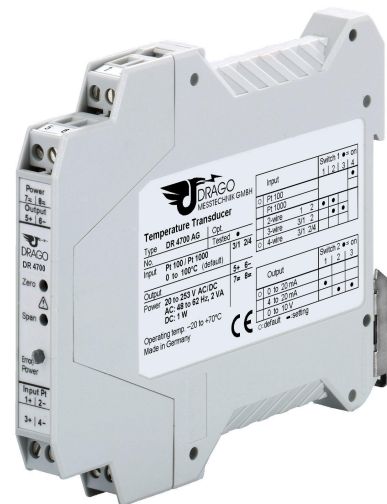
The configuration of measurement range can be easily set within -100 to +600 °C by using DIP switch. Subsequent readjustment after range selection or a measured range compensation can then be performed at the Zero/Span potentiometers on the front panel. Alternatively, the Temperature Transmitter is also available customer-specific adjusted.

The small housing with 12.5 mm width saves space in your switch cabinet and facilitates by the practical plug-in screw terminal blocks the assembly. For range setting a simple housing unblocking is installed which makes it possible to reach easily all control elements on the mounting rail.

The new universal power pack for 20 ... 253 V AC/DC means the DR 4700 can be used anywhere in the world, with all mains power supplies. The unit's high efficiency contributes significantly to reducing the unit's own heat generation. This is reflected in extremely high reliability and long-term stability.

**5 Years Warranty**  
Defects occurring within 5 years from delivery are remedied free of charge at our plant (carriage and insurance paid by sender).

- **Extensive range selection**  
Measurement range within -100 to +600 °C for Pt100 and Pt1000 sensors
- **Easy selection of configuration**  
Measurement range, type of sensor, sensor connection and output signal can be easily set by using DIP switch
- **Universal power supply for 20...253 V AC/DC**  
Applicable world-wide for all common supply voltages
- **3-Port Isolation**  
Protection against erroneous measurements due to parasitic voltages or ground loops
- **Ultra small sized housing**  
12.5 mm housing with plug-in screw terminal blocks
- **Protective Separation acc. to EN 61140**  
Protects service personnel and downstream devices against impermissibly high voltage
- **Maximum reliability**  
Highest long-term stability and accuracy
- **5 Years Warranty**



## Block diagram

