

# TRD6 SERIES INDUSTRIAL THERMOMETERS

## Description & Features:

- A high-quality 6" ABS case fixed bottom or back connection thermometer designed for many HVAC applications such as hot and cold water lines, heating and air conditioning systems, etc.
- Standard ½" NPT separable socket standard with ¾" NPT also available.
- Brass, low-lead brass and 304 SS separable sockets available.
- Standard 2", 2.5" and 4" stem lengths available.
- 7-Year Warranty\*

*\*Refer to Merit Instruments warranty page for full warranty details.*

## Applications:

- Case: 6" (150mm) length in black ABS.
- Lens: Glass.
- Scale: Aluminum.
- Stem: Aluminum in 2", 2.5" or 4" lengths.
- Socket: Brass standard, low-lead brass or 304 SS available.
- Tube: Glass.
- Sensing Fill: Kerosene, red tinted. Other colors available upon request.
- Connection: ½" NPT separable socket in fixed bottom or fixed back connection standard. ¾" NPT separable socket available.
- Working Pressure: Maximum 700 psi (48 bar).
- Accuracy: +/-2% of full-scale reading.
- IP Rating: IP50



# TRD6 SERIES INDUSTRIAL THERMOMETERS

**Order Codes**

TRD6 Brass Bottom Connection	Range	Code
Bottom Connection 2" Stem 1/2" NPT Brass Well	-40/110 F&C	TRD620B100
Bottom Connection 2" Stem 1/2" NPT Brass Well	20/120 F&C	TRD620B101
Bottom Connection 2" Stem 1/2" NPT Brass Well	20/180 F&C	TRD620B102
Bottom Connection 2" Stem 1/2" NPT Brass Well	30/240 F&C	TRD620B103
Bottom Connection 2" Stem 1/2" NPT Brass Well	30/300 F&C	TRD620B105
Bottom Connection 2" Stem 1/2" NPT Brass Well	50/400 F&C	TRD620B104
Bottom Connection 2.5" Stem 1/2" NPT Brass Well	-40/110 F&C	TRD625B100
Bottom Connection 2.5" Stem 1/2" NPT Brass Well	20/120 F&C	TRD625B101
Bottom Connection 2.5" Stem 1/2" NPT Brass Well	20/180 F&C	TRD625B102
Bottom Connection 2.5" Stem 1/2" NPT Brass Well	30/240 F&C	TRD625B103
Bottom Connection 2.5" Stem 1/2" NPT Brass Well	50/400 F&C	TRD625B104
Bottom Connection 4" Stem 1/2" NPT Brass Well	-40/110 F&C	TRD640B100
Bottom Connection 4" Stem 1/2" NPT Brass Well	20/120 F&C	TRD640B101
Bottom Connection 4" Stem 1/2" NPT Brass Well	20/180 F&C	TRD640B102
Bottom Connection 4" Stem 1/2" NPT Brass Well	30/240 F&C	TRD640B103
Bottom Connection 4" Stem 1/2" NPT Brass Well	50/400 F&C	TRD640B104

TRD6 Brass Back Connection	Range	Code
Back Connection 2" Stem 1/2" NPT Brass Well	-40/110 F&C	TRDB620B200
Back Connection 2" Stem 1/2" NPT Brass Well	20/120 F&C	TRDB620B201
Back Connection 2" Stem 1/2" NPT Brass Well	20/180 F&C	TRDB620B202
Back Connection 2" Stem 1/2" NPT Brass Well	30/240 F&C	TRDB620B203
Back Connection 2" Stem 1/2" NPT Brass Well	30/300 F&C	TRDB620B205
Back Connection 2" Stem 1/2" NPT Brass Well	50/400 F&C	TRDB620B204
Back Connection 2.5" Stem 1/2" NPT Brass Well	-40/110 F&C	TRDB625B200
Back Connection 2.5" Stem 1/2" NPT Brass Well	20/120 F&C	TRDB625B201
Back Connection 2.5" Stem 1/2" NPT Brass Well	20/180 F&C	TRDB625B202
Back Connection 2.5" Stem 1/2" NPT Brass Well	30/240 F&C	TRDB625B203
Back Connection 2.5" Stem 1/2" NPT Brass Well	50/400 F&C	TRDB625B204
Back Connection 4" Stem 1/2" NPT Brass Well	-40/110 F&C	TRDB640B200
Back Connection 4" Stem 1/2" NPT Brass Well	20/120 F&C	TRDB640B201
Back Connection 4" Stem 1/2" NPT Brass Well	20/180 F&C	TRDB640B202
Back Connection 4" Stem 1/2" NPT Brass Well	30/240 F&C	TRDB640B203
Back Connection 4" Stem 1/2" NPT Brass Well	50/400 F&C	TRDB640B204

# TRD6 SERIES INDUSTRIAL THERMOMETERS

TRD6 Low-Lead Brass Bottom Connection	Range	Code
Bottom Connection 2" Stem 1/2" NPT Lead Free Brass Well	-40/110 F&C	TRD620LF100
Bottom Connection 2" Stem 1/2" NPT Lead Free Brass Well	20/120 F&C	TRD620LF101
Bottom Connection 2" Stem 1/2" NPT Lead Free Brass Well	20/180 F&C	TRD620LF102
Bottom Connection 2" Stem 1/2" NPT Lead Free Brass Well	30/240 F&C	TRD620LF103
Bottom Connection 2" Stem 1/2" NPT Lead Free Brass Well	30/300 F&C	TRD620LF105
Bottom Connection 2" Stem 1/2" NPT Lead Free Brass Well	50/400 F&C	TRD620LF104
Bottom Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	-40/110 F&C	TRD625LF100
Bottom Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	20/120 F&C	TRD625LF101
Bottom Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	20/180 F&C	TRD625LF102
Bottom Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	30/240 F&C	TRD625LF103
Bottom Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	50/400 F&C	TRD625LF104
Bottom Connection 4" Stem 1/2" NPT Lead Free Brass Well	-40/110 F&C	TRD640LF100
Bottom Connection 4" Stem 1/2" NPT Lead Free Brass Well	20/120 F&C	TRD640LF101
Bottom Connection 4" Stem 1/2" NPT Lead Free Brass Well	20/180 F&C	TRD640LF102
Bottom Connection 4" Stem 1/2" NPT Lead Free Brass Well	30/240 F&C	TRD640LF103
Bottom Connection 4" Stem 1/2" NPT Lead Free Brass Well	50/400 F&C	TRD640LF104t

TRD6 Low-Lead Brass Back Connection	Range	Code
Back Connection 2" Stem 1/2" NPT Lead Free Brass Well	-40/110 F&C	TRDB620LF200
Back Connection 2" Stem 1/2" NPT Lead Free Brass Well	20/120 F&C	TRDB620LF201
Back Connection 2" Stem 1/2" NPT Lead Free Brass Well	20/180 F&C	TRDB620LF202
Back Connection 2" Stem 1/2" NPT Lead Free Brass Well	30/240 F&C	TRDB620LF203
Back Connection 2" Stem 1/2" NPT Lead Free Brass Well	30/300 F&C	TRDB620LF205
Back Connection 2" Stem 1/2" NPT Lead Free Brass Well	50/400 F&C	TRDB620LF204
Back Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	-40/110 F&C	TRDB625LF200
Back Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	20/120 F&C	TRDB625LF201
Back Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	20/180 F&C	TRDB625LF202
Back Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	30/240 F&C	TRDB625LF203
Back Connection 2.5" Stem 1/2" NPT Lead Free Brass Well	50/400 F&C	TRDB625LF204
Back Connection 4" Stem 1/2" NPT Lead Free Brass Well	-40/110 F&C	TRDB640LF200
Back Connection 4" Stem 1/2" NPT Lead Free Brass Well	20/120 F&C	TRDB640LF201
Back Connection 4" Stem 1/2" NPT Lead Free Brass Well	20/180 F&C	TRDB640LF202
Back Connection 4" Stem 1/2" NPT Lead Free Brass Well	30/240 F&C	TRDB640LF203
Back Connection 4" Stem 1/2" NPT Lead Free Brass Well	50/400 F&C	TRDB640LF204