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Potravinářský průmysl
Farmaceutický průmysl
Biotechnologie
Petrochemie
Chemický průmysl
Energetika
Úprava vody
Papírenství a zpracování celulózy
Plynárenský průmysl
Keramický průmysl
Zpracovatelský průmysl

Firma s tradicí od r. 1990 se při svém vzniku zaměřila na dodávky základních komponent, přístrojové a měřící techniky a dodávky technologií pro farmaceutický a potravinářský průmysl. Cílem bylo zajistit kompletní dodavatelsko - inženýrské služby, včetně servisu. V roce 1998, který byl pro firmu velmi významným mezníkem, proběhla transformace společnosti do nynější formy. V dalších letech činnosti společnosti dochází k rozšíření portfolia a je navazována spolupráce s partnery v oblasti armatur, komponent, ventilů, procesní měřící techniky a čerpadel.

Oblastí působnosti je potravinářský, farmaceutický průmysl, biotechnologie, chemický průmysl, petrochemie, úprava vody, papírenství a celulóza, energetika, keramický průmysl a zpracovatelský průmysl.

Firma REGOM INSTRUMENTS je díky širokému dodavatelskému portfoliu a bohatým zkušenostem schopna zajistit dodávky armatur, komponent, čerpadel, přístrojů a zařízení.

Cílem společnosti REGOM INSTRUMENTS je poskytování kvalitních služeb a spolehlivých dodávek pro co nejširší okruh zákazníků.

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Product Information - FH **FOOD**

"FH" Digital Temperature Gauge

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Introduction

The Anderson-Negele DTG Digital Temperature Gauge carries on the tradition of accurate and reliable electronic temperature indication, while incorporating many new features tailored to a growing industry.

This "next generation" product provides high accuracy temperature monitoring in an operator friendly simple to read design. The DTG also offers new options for remote mounting as well as high and low switches for critical applications where user-defined setpoints can be easily programmed.

The battery-operated version can be ordered with or without a secondary 100 ohm 3-wire RTD. The secondary RTD option is ideal in applications that require local indication, as well as remote recording. As only one vessel penetration is required, a cost savings can be realized.
The DC powered version supplies two (2) SPST low voltage contacts assigned to the adjustable setpoints. An optional remote relay module is available that provides SPDT relays rated 6 amps at 250 VAC.

All models feature simple field calibration for fine tuning to the plant reference standard. As such, the DTG makes a perfect and cost-effective replacement for any mechanical thermometer, from bi-metals to mercury-in-glass. With resolution to a tenth of a degree, the DTG takes the guesswork out of reading dials and mercury columns.

Complete specifications and ordering information are available on the reverse. For additional information please visit us on the web at www.anderson-negele.com, or contact your local Authorized Anderson-Negele Distributor.

Authorizations

3

Features

- Ideal replacement for Mercury-In-Glass thermometers
- Models and fittings for Dairy, Fluid Food and Beverage Applications
- Operates on field replaceable batteries; DC switching version available
- Large Liquid Crystal Display makes viewing easy and repeatable
- All models offer field calibration capability

Specifications

Compliance:	3-A, NEMA 4X, IP-66
Product Contact Material:	Fitting & Probe: 316L SS
Product Contact Finish:	Ra max = 32 micro inches
Non-Product Contact Surface:	Housing - 304 SS Lens - Polysulfone
Process Temp. Range:	0 to 300°F (-18 to 150°C)
Units:	Deg F and Deg C; field selectable
Resolution:	0.1°F or °C
Accuracy:	+/- .75°F (+/-0.4°C)
Repeatability:	+/-0.2% of full scale (+/-0.6°F)
Ambient Operating Limits:	40 to 140°F (4.4 to 60°C)
Ambient Temp. Stability:	Better then 0.1°C per 10°C ambient shift
Storage Temp.:	32 to 140°F (0 to 65°C)
Display:	LCD: 4 digit main display, 6 digit secondary; 0.9" high contrast LCD
Internal Switch Rating:	1 amp at 24 VDC SPST
Remote Relay Rating:	6 amp at 250 VAC SPDT
Power:	2 AA Industrial Grade Batteries (Style 0,1,5) 9-30V DC external supply (Style 2)
Battery Life:	Style 0,1,5: 12 month minimum Style 2: Externally powered
Vibration:	10 to 60 Hz, 2g
Warranty:	2 year
Secondary Output:	Additional 100 ohm RTD, 3 wire DIN, wire via quick disconnect fitting (Style 1)
Display Update:	3 seconds
Calibration Adjustment:	Via onboard switches

Order Information

F H ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

STYLE
- 0 Standard Thermometer
- 1 Thermometer w/ Optional RTD
- 2 Thermometer w/Dual Switches(DC power /SPST) [2]
- 5 Remote Display Thermometer (must order mounting style 9)

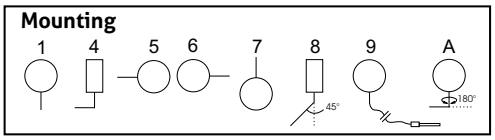
DISPLAY UNITS
- 0 Deg F
- 1 Deg C

MOUNTING
- 1 Bottom
- 4 Back (90° elbow)
- A Back (90° adjustable elbow)
- 5 Left [4]
- 6 Right [4]
- 7 Top [4]
- 8 Back (45° elbow)
- 9 Remote Display - Bottom Cable Exit

FITTING/INSERTION

001-013	1/2" Tri-Clamp® [6]	1-1/4"
002-037	3/4" Tri-Clamp®	2-3/4"
004-037	1-1/2" Tri-Clamp®	2-3/4"
005-049	2" Tri-Clamp®	3-1/2"
006-049	2-1/2" Tri-Clamp®	3-1/2"
007-053	3" Tri-Clamp®	3-3/4"
008-065	4" Tri-Clamp®	4-1/2"
010-031	1-1/2" APC "K" [4]	2-3/8"
011-730	2" APC "K" [4]	2-25/32"
016-031	1-1/2" Cherry-Burrell "I"	2-3/8"
017-730	2" Cherry-Burrell "I"	2-25/32"
027-044	1-1/2" G&H "H" Line (male)	3 3/16"
028-056	2" G&H "H" Line (male)	3-15/16"
032-033	1-1/2" Cherry "Q"	2-1/2"
033-049	2" Cherry "Q"	3-1/2"
044-029	1-1/2" #14 Bevel Seat (with 13 H nut) [4]	2-1/4"
045-035	2" #14 Bevel Seat (w/ nut) [4]	2-5/8"
060-221	Umbrella	14-1/4"
060-360	Umbrella	22-15/16"
060-435	Umbrella	27-5/8"
060-532	Umbrella	33-11/16"
060-680	Umbrella	42-15/16"
061-077	Split Ferrule	5-1/4"
062-139	Projectile Well(41247) [5]	9-1/8"
063-161	Projectile Well(41280) [4, 5]	10-1/2"
064-187	Projectile Well(41279) [4, 5]	12-1/8"
084-033	Bi-Metal Well 1/2" NPT [5]	2-1/2"
084-057	Bi-Metal Well 1/2" NPT [5]	4"
084-089	Bi-Metal Well 1/2" NPT [5]	6"
084-137	Bi-Metal Well 1/2" NPT [5]	9"
084-185	Bi-Metal Well 1/2" NPT [4, 5]	12"
084-233	Bi-Metal Well 1/2" NPT [4, 5]	15"
084-281	Bi-Metal Well 1/2" NPT [4, 5]	18"
084-377	Bi-Metal Well 1/2" NPT [4, 5]	24"
100-049	Industrial well(41070) [6]	3-1/2"
101-091	Industrial well(41074) [6]	6-1/8"

Mounting



REMOTE DISPLAY CABLE LENGTH
- 0 None
- 5 5' (style 5)
- 6 10' (style 5)
- 7 15' (style 5)
- 8 20' (style 5)

CABLE LENGTH
- 00 None (style 0,2 [3] or 5)
- 02 10' (style 1, 2 or 2 w/AC module)
- 04 20' (style 1, 2 or 2 w/AC module)
- 06 30' (style 1, 2 or 2 w/AC module)
- 08 40' (style 1, 2 or 2 w/AC module)
- 10 50' (style 1, 2 or 2 w/AC module)
- 15 75' (style 1, 2 or 2 w/AC module)
- 20 100' (style 1, 2 or 2 w/AC module)

PROBE
- 0 Standard probe (choose for projectile well fittings)
- 1 Heavy duty probe [1] (recommended for lengths over 6")

1. Heavy Duty Probes with 3/4"Dia., insertion lengths from 3-1/2" to 43-1/2" available for standard fittings, Tri-Clamp®, Cherry "I", Bevel Seat and Umbrella Consult factory for other fittings.
2. For AC Relays, order remote relay module# PM0606004
3. Style 2 supplied with 90° Field Wireable Connector, no cable
4. Sensors with these options are non-cancellable/non-returnable for credit.
5. Meets 3-A when used with a 3-A compliant well
6. Not 3-A Compliant

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