

REMOTE SERIES

Loadcells for Digital Force Gauges

REMOTE Series loadcells are used exclusively on CHATILLON® DFGS-R-ND and DFA-R-ND Series digital force gauges. They provide users with a flexible way to use multiple load measurement capacities on a single gauge body. Users can easily change loadcells to capacities from 2 lbf (10 N) to 10,000 lbf (50 kN). These loadcells feature a 6-pin connector which plugs directly into the force gauge. The 24-inch (610mm) shielded, coiled cable, retracts fully to 96 inches (2440mm).

FEATURES

- Easy to Use
- Plug compatible with DFGS-R-ND and DFA-R-ND
- Capacities from 2 lbf (10N) to 10,000 lbf (50 kN)
- Retractable coiled cable extends to 96 in (2440mm)
- Full bridge strain gauge

SPECIFICATIONS

Rated Output: 3.00 ±0.25% mV/V
 Maximum Load: 200% of rated output
 Nonlinearity: ±0.10% of rated output
 Hysteresis: 0.05% of rated output
 Loadcell Deflection*: 0.005 to 0.020 ±0.002 F.S.

* Dependent of loadcell capacity



DFA-R-ND Series with REMOTE Series loadcell.
 Order force gauge separately.

ORDERING INFORMATION

Capacity	Part No.
2 lbf (10 N)	REMOTE-2
10 lbf (50 N)	REMOTE-10
50 lbf (200 N)	REMOTE-50
100 lbf (500 N)	REMOTE-100
200 lbf (1 kN)	REMOTE-200
500 lbf (2.5 kN)	REMOTE-500
1000 lbf (5 kN)	REMOTE-1000
2000 lbf (10 kN)	REMOTE-2000
5000 lbf (20 kN)	REMOTE-5000
10,000 lbf (50 kN)	REMOTE-10000

REMOTE Series loadcells are exclusively used with DFGS-R-ND and DFA-R-ND Series digital force gauges. Loadcells must be ordered separately.



DFGS-R-ND (Order separately)
 Shown with Remote Series loadcell.



REMOTE Series loadcell with coiled cable
 and connector.

SPECIFICATION
 SS-FM-3009-1101
 November 2001

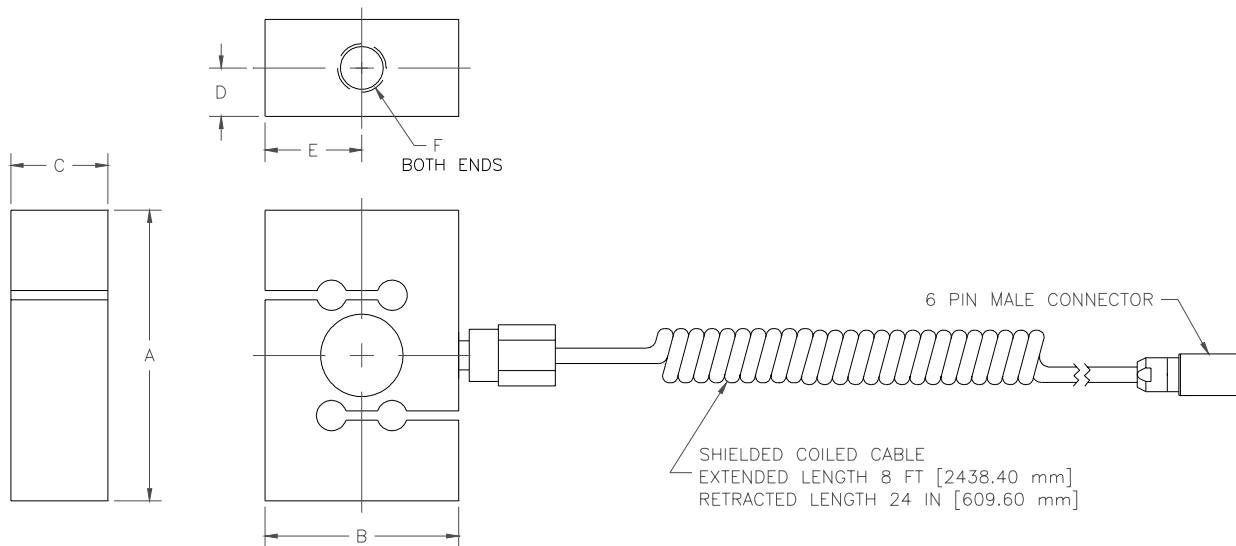
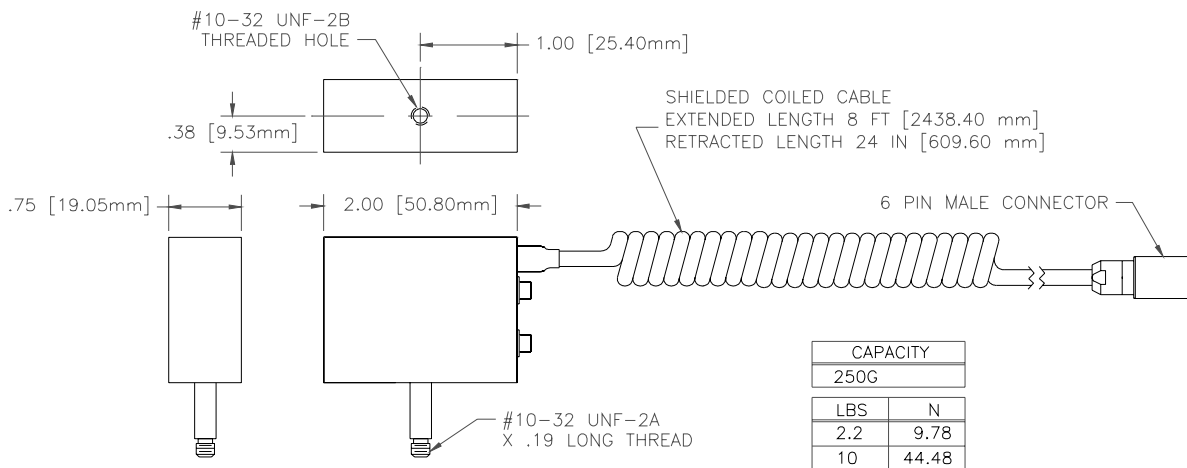
INTERNET
www.ametek.com
www.chatillon.com
www.lloyd-instruments.co.uk

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DIMENSIONS- REMOTE Series Loadcells



CAPACITY		A		B		C		D		E		F
LBS	N	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	THREAD
50	222.4	2.50	63.50	2.00	50.80	.63	16.00	.313	7.95	1.00	25.40	1/4-28
100	444.8	2.50	63.50	2.00	50.80	.63	16.00	.313	7.95	1.00	25.40	1/4-28
200	889.6	2.50	63.50	2.00	50.80	.63	16.00	.313	7.95	1.00	25.40	1/4-28
500	2224.1	3.00	76.20	2.00	50.80	1.00	25.40	.500	12.70	1.00	25.40	1/2-20
1,000	4448.2	3.00	76.20	2.00	50.80	1.00	25.40	.500	12.70	1.00	25.40	1/2-20
2,000	8896.4	3.00	76.20	2.00	50.80	1.00	25.40	.500	12.70	1.00	25.40	1/2-20
5,000	22241.0	4.25	107.95	3.00	76.20	1.00	25.40	.500	12.70	1.50	38.10	3/4-16
10,000	44482.0	4.75	120.65	3.50	88.90	1.00	25.40	.500	12.70	1.75	44.45	3/4-16

DFGS-R/AF4
FILE NAME: E96-316.DWG
PAGE 2 OF 2

AMETEK TEST AND CALIBRATION INSTRUMENTS

Americas
AMETEK TCI Division
8600 Somerset Drive
Largo, Florida 33773
United States of America
Tel +1-727-536-7831
Tel +1-800-527-9999
Fax +1-727-539-6882
Email chatillon.fl-lar@ametek.com

United Kingdom
AMETEK Lloyd Instruments Ltd.
Forum House, 12 Barnes Wallis Rd
Segensworth East
Fareham
Hampshire PO15 5TT
United Kingdom
Tel +44-0-1489-574221
Fax +44-0-1489-885118
Email general@lloyd-instruments.co.uk

France
AMETEK Lloyd Instruments SA
3 avenue des Coudriers
Zone d'Activite de l'Observatoire
78180 Montigny-Le-Bretonneux
France
Tel +33-1-3057-4774
Fax +33-1-3057-5033
Email general@lloyd-instruments.co.uk

Germany
AMETEK Precision Instruments
Europe GmbH
Rudolf-Diesel-Strasse 16
D-40670 Meerbusch
Germany
Tel +49-0-2159-9136-70
Fax +49-0-2159-9136-80
Email apie@ametek.de

Singapore
AMETEK Singapore Pvt. Ltd.
10 Ang Mo Kio Street 65
#05-12 Techpoint
Singapore 569059
Tel +65-484-2388
Fax +65-481-6588
Email aspl@ametek.com.sg

Australia
AMETEK Lloyd Instruments
No. 7 Sherwood Place
Alexander Heights
6064 Perth
Australia
Tel +61-8-9343-5725
Fax +61-8-9343-5723
Email general@lloyd-instruments.co.uk