



Range	Thread	ØD	C	H	F	N	M
0.5-5N	M4x0.7	25.4	6.3	19	2.8	13.2	10
10 - 50N	M4x0.7	19.1	6.3	11.5	1.3	7.9	4.9
100 - 500N	M5x0.8	25.4	6.3	13.2	0.8	12.7	6.3
1 - 5 kN	M6x1.0	25.4	9.6	13.2	0.8	12.7	6.3

Technische Daten / Specification

Genauigkeitsklasse / Accuracy class	%	0.15	
Wiederholgenauig. / Non Repeatability	%	<0.1%FS	
Hysteresis / Hysteresis	%	0.15%FS	
Grenzlast / Limit Load	%	150	
Brückenwid. / Bridge Resist.	0.5-5N >5N	Ω Ω	500 350
Isolationswiderstand / Insulation Res.		Ω	5x10 ⁶
Speisespannung / Excitation	0.5-20N	V	5
Speisespannung / Excitation	>20N	V	10
Nennkennwert / Sensitivity	0.5-1.5N	mV/V/N	10
	2.5-5N	mV/V	20
	10N	mV/V	1.5
	>10N	mV/V	2.0
Temperature Effect Span-Reading/°C	%	<0.03	
Temperature Effect Zero-Full Scale/°C	%	<0.03	
Nullpunkt / Zero Balance	%	max. 1	
Temperaturbereich / temp. range nomin.	°C	-55...+120	
Gebrauchstemp. / Temp. Compensated	°C	+15...+70	
Schutzart / Protection DIN 40 050		IP 65	
Merial / material		17-4PH SS	
Messkabel-Länge / cable lenght	Teflon	1.5 m	

Range	Art. Nr.
0.5N	31E000N5
1.5N	31E001N5
2.5N	31E002N5
5N	31E005N0
10N	31E010N0
20N	31E020N0
50N	31E050N0
100N	31E100N0
200N	31E200N0
500N	31E500N0
1 kN	31E01KN0
2 kN	31E02KN0
5 kN	31E02KN0

Connection:

- + Supply rot/red - Supply schwarz/black
- + Signal weiss/white - Signal grün/green

Range	0.5N	1.5N	2.5N	5N	10N	20N	50N	100N	200N	500N	1kN	2 kN	5 kN
Messweg/Deflection mm	0.026	0.026	0.026	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
Ring-Freq. kHz	0.74	0.74	0.74	0.74	3.0	3.0	3.0	10	10	10	12	12	12

Optionen/Options: • Temp.Kompensacion/Compensation (-30...55°C, -30...95°C, 0...50°C, -20...85°C, -25...110°C) • Schlag-Vibration-Schutz/Shock-Vibration Resistance 44a • Kalibration/Calibration (10 Punkt, 20 Punkt)