



Bereich / range	ØD2 mm	ØD1 mm	H mm	B mm	SR mm	Weight g
150g-500g	9.7	2.3	6.3	0.69	6	1
1000g-50 lb.	9.7	2.3	3.3	0.51	13	3
100, 200 lb.	12.7	3.0	3.8	0.64	13	3
500, 1000 lb.	19.0	6.4	6.4	0.64	13	10

**Technische Daten / Specification**

<b>Genauigkeitsklasse / Accuracy class</b>	<b>%</b>	<b>0.5</b>
Wiederholgenauig. / Non Repeatability	%	0.1
Grenzlast / Limit Load >500g	%	150
Bruchlast / Broken Limit Load	%	200
Max. dynam. Belastung / dyn. Load	%	70
Brückenwid. / Bridge Resist. to 500g	Ω	500
>500g	Ω	350
Isolationswiderstand / Insulation Res.	Ω	> 5x10 <sup>6</sup>
Speisespannung / Excitation nom.	V	2...10
Speisespannung / Excitation max.	V	10
<b>Nennwert / Sensitivity 150-500g</b>	<b>mV/V</b>	<b>15</b>
<b>1000g</b>		<b>1.5</b>
<b>5-1000lb</b>		<b>2.0</b>
Temperature Effect Span-Reading/°C	%	0.04 FS
Temperature Effect Zero-Full Scale/°C	%	0.02 FS
Temperaturbereich / temp. range nomin.	°C	-55...+120
Gebrauchstemp. / Temp. Compensated	°C	+15...+70
Schutzart / Protection DIN 40 050		IP 65
Material / material		17-4PH SS
Messkabel-Länge / cable length	Teflon	1.5 m

**Anschlüsse/Connection:**

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

Range	Art. Nr.
150g	AL322AL
250g	AL322AN
500g	AL322AP
1000g	AL322AR
5 lb	AL322AT
10 lb	AL322AV
25 lb	AL322BL
50 lb	AL322BN
100 lb	AL322BR
250 lb	AL322CN
500 lb	AL322CR
1 k lb	AL322CV

Range	150g	250g	500g	1000g	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.	250 lb.	500 lb.	1 k lb.
Deflection/Messweg in µm	15	15	20	13	130	100	100	100	100	130	130	150
Ring-Freq. kHz	26	31	39	26	34	46	69	88	71	86	57	61

**Optionen / options:** ● Temp. Kompensation/Compensation (0...50°C,-20...+85°C,-25...110°C)

● Schlag-Vibration-Schutz/Schock-Vibration Resistance ● Spezial-Kalibrierung/Special-Calibration (10 Punkt, 20Punkt)

● Anschluss-Stecker/Connector-Plug