

## CANISTER COMPRESSION LOAD CELL

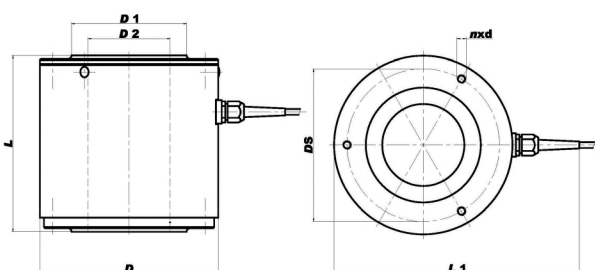
## MEG 130

### Special features

- Canister design ideal for axial compression applications
- Heavy duty environmentally sealed case for harsh environments
- Full triple strain gauge bridge
- Available with built-in amplifier



### Outline Dimensions (mm)



	Rated Capacities kN				
	500	1000	1500	2000	3000
D	152	152	152	152	152
D1	80	90	98	106	120
D2	70	70	70	70	70
DS	130	130	130	130	130
L	150	150	150	150	150
L1	210	210	210	210	210
n x d	3 x M8	3 x M8	3 x M8	3 x M8	3 x M8

### Specifications

Parameter	Standard	With Built-in Amplifier
Accuracy class	0.5	
Rated Capacities	500, 1000, 1500, 2000, 3000 kN	
Limit Load	130 % F.S.	
Rated Output	2 mV/V $\pm$ 2%	0 ... 10 V (min load 5 k $\Omega$ ) 4 ... 20 mA (max load 500 $\Omega$ )
Zero balance	2 % F.S.	
Non-linearity Hysteresis Creep (30 min)	0.25 %F.S. 0.25 %F.S. 0.1 %F.S.	
Temperature Effect - On Zero - On Output	0.1 %F.S./10 $^{\circ}$ C 0.1 %F.S./10 $^{\circ}$ C	0.2 %F.S./10 $^{\circ}$ C 0.2 %F.S./10 $^{\circ}$ C
Input Impedance	1075 $\Omega$ $\pm$ 20 $\Omega$	—
Output Impedance	1050 $\Omega$ $\pm$ 10 $\Omega$	—
Insulation Impedance	> 5000 M $\Omega$	—
Excitation - Recommended - Maximum	10 V 15 V	24 Vdc 30 Vdc
Temperature range - Compensated - Operating	0 ... + 50 $^{\circ}$ C - 20 ... + 70 $^{\circ}$ C	
Protection	IP65	
Deflection at max load	0.2 mm	
Construction	Steel	
Connection	Cable LiYCY 4x0.14, 2 m	

### Wiring diagram

