



COMPRESSION LOAD CELL - MODEL DT 101

Complete serie of load cells for silos, tanks and hoppers scales.

Standard capacities: 2, 5, 10, 20 TONS

Specifications:

- Compression load cell
- Low height, simple to install and to replace by repair
- Fully welded stainless steel
- Hermetically sealed to IP68
- Integral load button
- Welded cover

Capacities	2,5,10,20	tonne
Full Load Output	2.0 (±0.25%)	mVV
Zero Load Output	<±2.0	%
Excitation (Max)	10 (15)	V
Accuracy	<0.25	%
Repeatability	<0.1	%
Input Resistance	750 (±20)	Ω
Output Resistance	700 (±2)	Ω
Compensated Temp. Range	-10 to +40	°C
Operating Temp. Range	-20 to +60	°C
Temp. Coefficient on Zero	<0.005	% Capacity/°C
Temp Coefficient on Span	<0.005	% Capacity/°C
Safe Overload	150	%
Insulation	>500 @100Vdc	MΩ
Environmental Protection	IP68	

Electrical connection:

Cable: Polyurethane, Ø5,4 mm, 7 meter

RED: + EXCITATION

BLUE: - EXCITATION

GREEN: + SIGNAL

YELLOW: - SIGNAL

Dimensions:

Capacity (t)	H	B	W	R	D	T	P
2, 5, 10, 20	35	5	20	150	98	M6x18	72

All dimensions in mm

