

SPECIFICATIONS

Model	3540						
Nominal Load	kN lbf	2 450	5 1124	10 2248	20 4496	30 6744	50 11240
Limit Load	150 % Full Scale						
Fracture Load	> 300 % Full Scale						
Permissible Oscillation	±80 % Full Scale Acc. To DIN 50100						
Output Signal Cn	4mA to 20mA, two wire or three wire; 0 – 10 Vdc, three wire						
Accuracy	< ± 0.2 % Cn						
Hysteresis	< ± 0.1 % Cn						
Stability	< ± 0.1 % Cn at Fnom						
Ambient temperature range	-20 ° C to 80 ° C (-4 ° F to 176 ° F)						
Storage temperature range	-20 ° C to 100 ° C (-4 ° F to 212 ° F)						
Temperature Effect – span – zero	< ± 0.01 % Fnom / °F < ± 0.01 % Fnom / °F						
Vibration Effect	20 g, 100h, 50Hz to 150Hz according to IEC68-2-6-Fc						
Environmental Protection	IP 67 according to EN 60 529 /IEC 529						
Electrical Connection	M12 x 1 or cable						
Power Supply	0 Vdc to 10 Vdc for 4 mA to 20 mA output; 14 Vdc to 30 Vdc for 10 Vdc to 30 Vdc output						
Current Consumption	4 mA to 20 mA, signal 0 to 10 Vdc, 8 mA						
Response time	< 1 ms (within 10 % to 90 % Fnom)						
Noise Protection	CE compliant; RFI, EMI and ESD protected according to EN 61326						
Electrical protection	Short circuit, overvoltage and reverse polarity protection						
Material	17-4PH Stainless steel						