



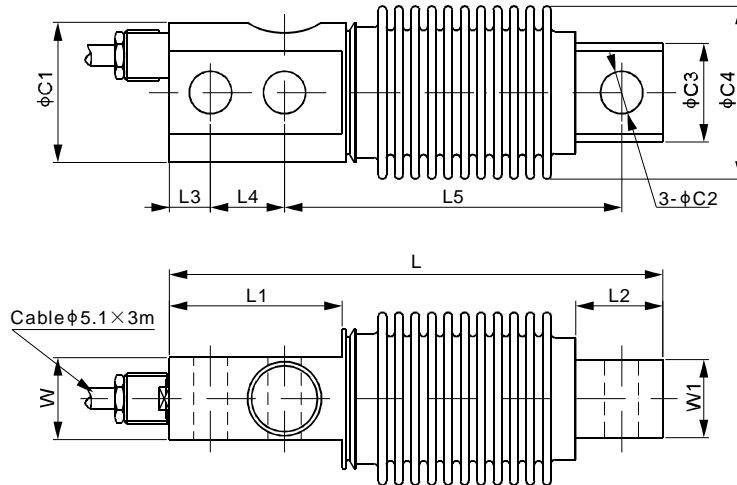
Features:

- Capacities: 5kg...500kg
- Stainless steel , welded-seal
- Protection to IP68
- Explosion proof version (Ex ib II CT4)
- Options:
 - Service temperature range up to 250°C
 - 6-wire circuit

Approvals:

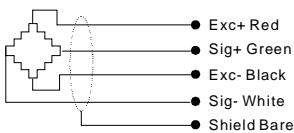


Dimensions (in mm)



RATED CAPACITY	C1	C2	C3	C4	L	L1	L2	L3	L4	L5	W	W1
kg/mm												
5...200	34.0	8.2	23.0	42.0	120.0	42.0	21.2	10.0	18.0	82.0	20.0	20.0
350...500	34.0	10.3	24.0	42.0	120.0	42.0	21.2	10.0	18.0	82.0	20.0	19.0

Specifications

Type		563RS
Rated capacity	kg	5; 10; 20; 50; 100; 200; 350; 500
Deflection at max.load,(S_{nom})approx.($\pm 20\%$)	mm	0.27~0.33
Shipping Weight (Approx.)	kg	0.6
Sensitivity (Full capacity output)	mV/V	$2 \pm 0.25\%$
Zero balance	mV/V	± 0.02
Temperature effect on sensitivity (T_{kc})	% of C_n/K	$< \pm 0.0012$
Temperature effect on zero balance (T_{ko})	% of C_n/K	$< \pm 0.0040$
Non-linearity (d_{lin})	%	$< \pm 0.017$
Repeatability (d_{rep})	%	$< \pm 0.017$
Hysteresis error (d_{hy})	%	$< \pm 0.017$
Creep (d_{BR})in 30 min.	%	$< \pm 0.023$
Input resistance (R_{LC}) [Red(+)-black(-)]	Ω	400 ± 23
Output resistance (R_o) [Green(+)-white(-)]	Ω	352 ± 3
Reference excitation voltage (U_{ref})	V(DC/AC)	0.5...10
Maximal excitation voltage	V(DC/AC)	15
Insulation resistance (R_{is})	G Ω	> 2 [50 VDC]
Nominal temperature range	$^{\circ}C$	-10...+40
Service temperature range	$^{\circ}C$	-18...+65
Storage temperature range	$^{\circ}C$	-50...+85
Safe load limit (E_L)	% of C_n	150
Breaking load (E_d)	% of C_n	300
Seal Type		Welded seal, IP68
Material		Stainless steel
Wiring Diagram		 <ul style="list-style-type: none"> ● Exc+ Red ● Sig+ Green ● Exc- Black ● Sig- White ● Shield Bare
Weigh Module Available		563RSM5 (page 94) 