

**JCM 9500**



## **Compression Cell Series JCM 9500**

Capacities 50 te to 1500te



- ▶ **Stainless Steel load cell**
- ▶ **Optional Swivel Top**
- ▶ **Optional Loading Base**
- ▶ **Sealed to IP68**
- ▶ **Two Year Warranty**



## Technical Data



Standard load ranges	Te	50,100,200,300,400,500, 1000,1500.
Full Load output	mV/V	1.5 +/-0.5%
Excitation voltage (recommended) dc or ac	V	10
Excitation voltage (maximum) dc or ac	V	20
Safe service load	%	150
Ultimate load	%	500
Safe side load	%	100
Combined error (non-linearity & hysteresis)	%	<+/- 0.2
Non-Repeatability	%	<+/- 0.02
Output at zero load	%	<+/- 1.0%
Input resistance	ohms	700 (500-1500te 1400Ω)
Output resistance	ohms	700 +/-2
Creep after 30 minutes (20 deg C)	%	<+/- 0.05%
Operational temperature range	deg C	-20 to +80
Compensated temperature range	deg C	-10 to +40
Temperature coefficient of zero	%/C	<+/-0.005
Temperature coefficient of span	%/C	<+/-0.003
Environmental protection		IP67
Cable length standard	m	10
Insulation	G ohms	>2 at 100V.dc

NOTE: All percentages related to Full Rated Load

## Electrical Connections

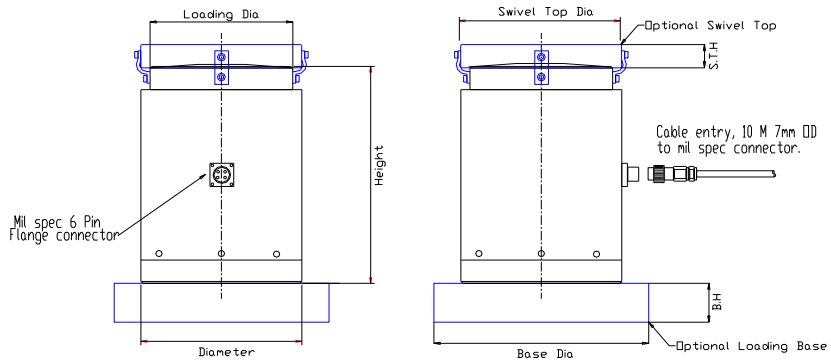
**Red + input      Green + output**  
**Blue - input      Yellow - output**  
**Screen not connected to load cell**

## Connector Fitted (Option)

**IP 68 6 Way Amphenol Connector**  
**Pin A + input      Pin E + output**  
**Pin C - input      Pin F - output**

## Construction

### Load cell: Stainless Steel



Cell Type	Nominal Rated Load	Height	Diameter	Loading Dia	Base Diameter	B.H	Swivel Top Dia	S.T.H
<b>Comp 50-100</b>	100	150	100	80	150 Dia	50	100	20
<b>Comp 200</b>	200	180	127	110	150 Dia	50	127	30
<b>Comp 300</b>	300	180	150	130	200 Dia	50	150	30
<b>Comp 400</b>	400	180	150	136	200 Dia	50	150	38
<b>Comp 500</b>	500	300	203	170.5	265 Dia	50	203	50
<b>Comp 1000</b>	1000	425	290	250	335 Dia	75	290	50
<b>Comp 1500</b>	1500	490	350	300	400 Dia	100	350	75

ALL DIMENSIONS IN MM

JCM's policy is one of continuous development and these specifications are subject to change without notice



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