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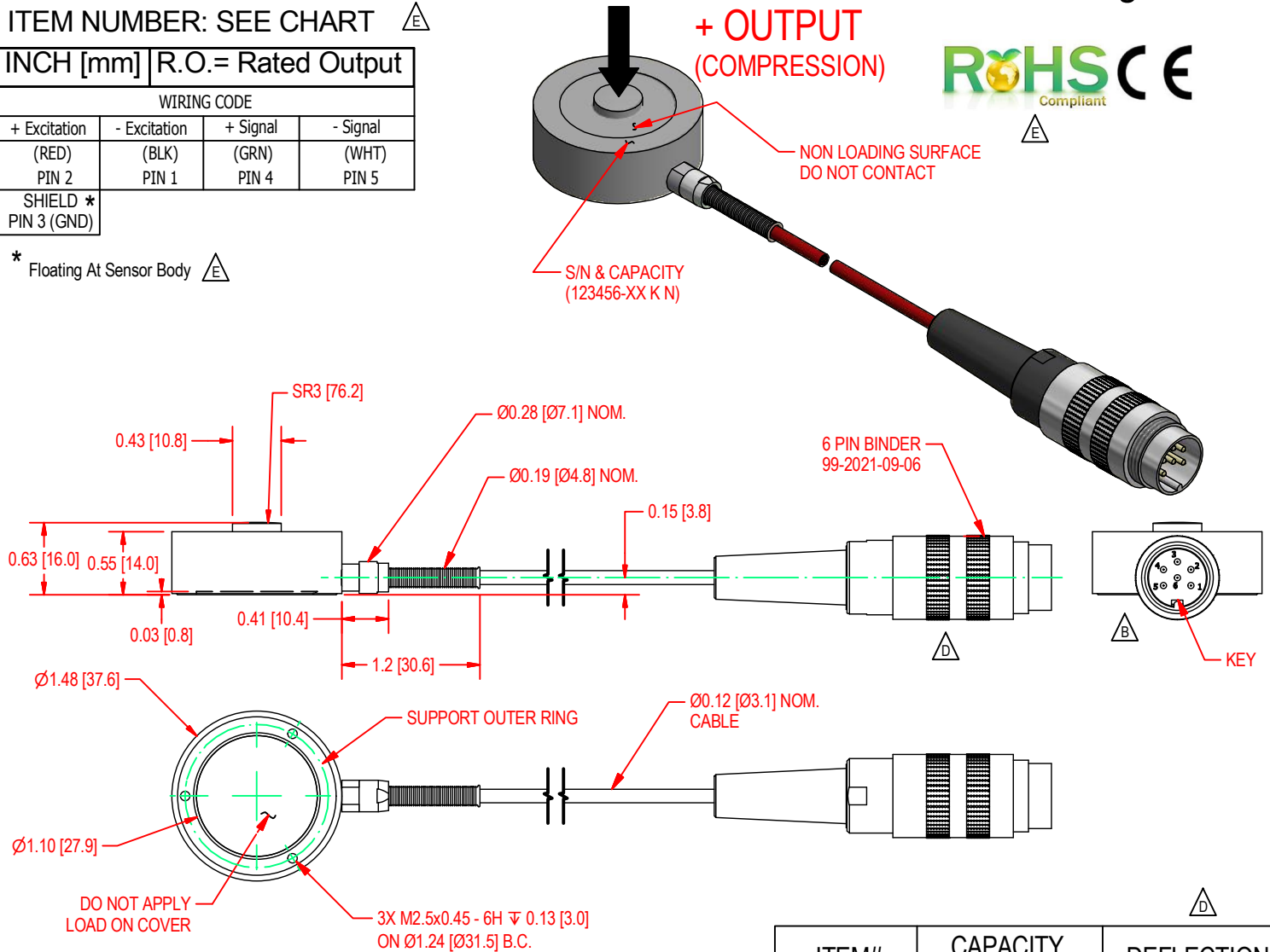
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FUTEK MODEL QLA129 Custom Load Button W/Threaded Mounting Holes

ITEM NUMBER: SEE CHART 

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
(RED) PIN 2	(BLK) PIN 1	(GRN) PIN 4	(WHT) PIN 5
SHIELD * PIN 3 (GND)			

* Floating At Sensor Body 



SPECIFICATIONS:

RATED OUTPUT	1 mV/V $\pm 2\%$ 
CAPACITY	SEE CHART
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	$\pm 3\%$ of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	$\pm 0.5\%$ of R.O.
HYSTERESIS	$\pm 0.5\%$ of R.O.
NONREPEATABILITY	$\pm 0.1\%$ of R.O.
TEMP. SHIFT ZERO	$\pm 0.01\%$ of R.O./°F (± 0.018 of R.O./°C)
TEMP. SHIFT SPAN	$\pm 0.02\%$ of LOAD/°F (± 0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	-5 to 212 °F (-21 to 100 °C)
MATERIAL	17-4 PH.S.S.

CABLE: 26 AWG, 4 Conductor Braided Shield Red Teflon Jacket Cable, 7ft [2.1m] Long w/6 Pin Binder Connector

CE: 2011/65/EU 
 RoHS Lead Free YES
 CE COMPLIANCE EN 55011:2009, EN 61326-1:2006

ITEM#	CAPACITY		DEFLECTION
	lb	N	
QSH01902	4496	20000	0.002 (0.051)
QSH01903	11240	50000	0.002 (0.051)





CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	7/24/2003
B	11/2/2004
C	12/9/2005
D	3/30/2013
E	3/17/2017

OUTLINE DRAWING

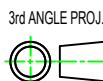
STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES
 DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
 REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
 THREADS PER HANDBOOK H-28
 DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
 $\pm 1/2^\circ$

CHAMFER:
 $\pm 5^\circ$

TOLERANCE:
 X ± 0.1 "
 XX ± 0.01 "
 XXX ± 0.005 "



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MODEL: QLA129	DWG No.: FO1004-E
DRAWN BY: R.Walker	CREATED DATE: 7/11/2003
APPROVED BY: J.Mokhbery	APPROVED DATE: 7/11/2003
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1