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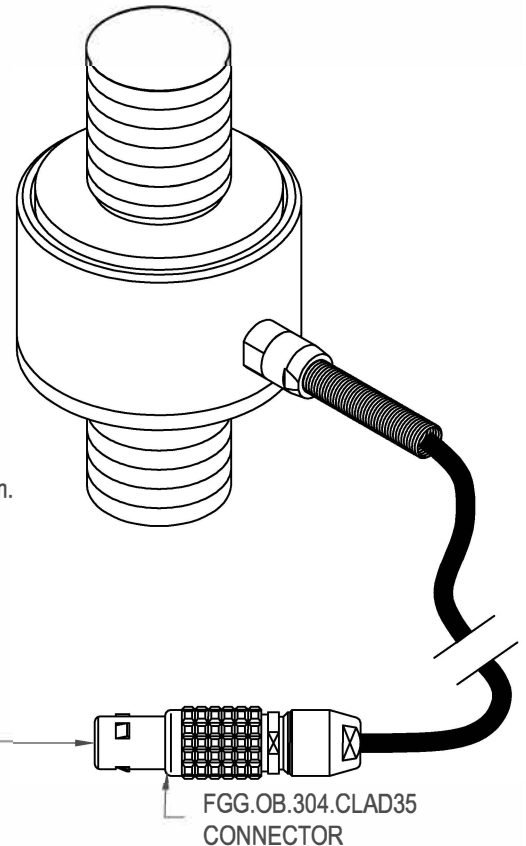
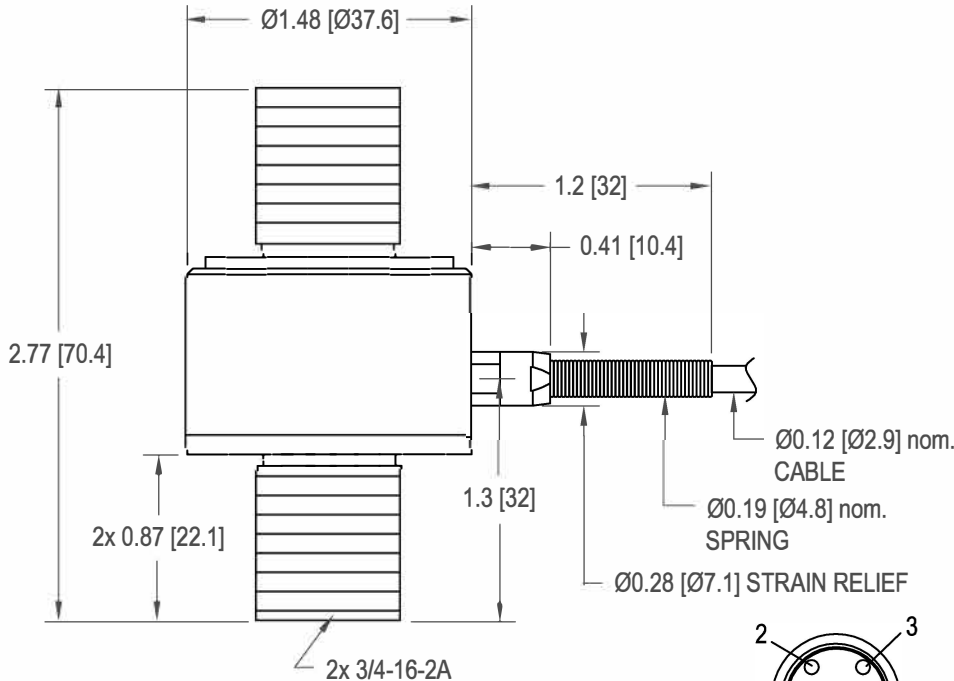
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FUTEK MODEL QLA199

CUSTOM INLINE THREADED TENSION AND COMPRESSION LOAD CELL

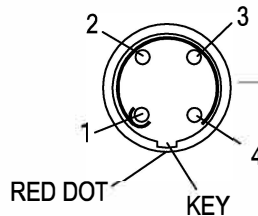
INCH (mm) R.O.= Rated Output			
WIRING (WC1) / CONNECTOR (CC4) CODE			
+Excitation	-Excitation	+Signal	-Signal
RED / 1	BLACK / 4	GREEN / 2	WHITE / 3
Shield			
Floating			

+OUTPUT
(TENSION)
-OUTPUT
(COMPRESSION)



SPECIFICATIONS:

RATED OUTPUT	2mV/V nom.
CAPACITY	20K lbs
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.005% of R.O./°F (0.01% of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (0.04% of LOAD/°C)
COMPENSATED TEMP.	60 to 160°F (15 to 72°C)
OPERATING TEMP.	-45 to 200°F (-42 to 96°C)
WEIGHT	0.5 lbs
MATERIAL	STAINLESS STEEL
CABLE: #28 AWG, 4 CONDUCTOR, BRAIDED SHIELDED PVC CABLE.	
CONNECTOR: 4 PIN LEMO FGG.OB.304.CLAD	



STOCK NO:	CABLE LENGTH	CONNECTOR
QSH00388	10 ft.	NO
QSH00823	6 in.	YES

MATERIAL:

HEAT TREATMENT - FINISH:

REVISIONS: (Refer to dwg # revision sheet)



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:
±1/2°

CHAMFER:
±5°

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

3rd ANGLE PROJ.



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FUTEK

CAGE: 1X8M6

MODEL: **QLA199**

DRAWN BY: H. AU

APPROVED BY: R. WALKER

DWG No.: **FO1151**

CHECKED BY: -

DATE: **AUG. 28, 2006**