

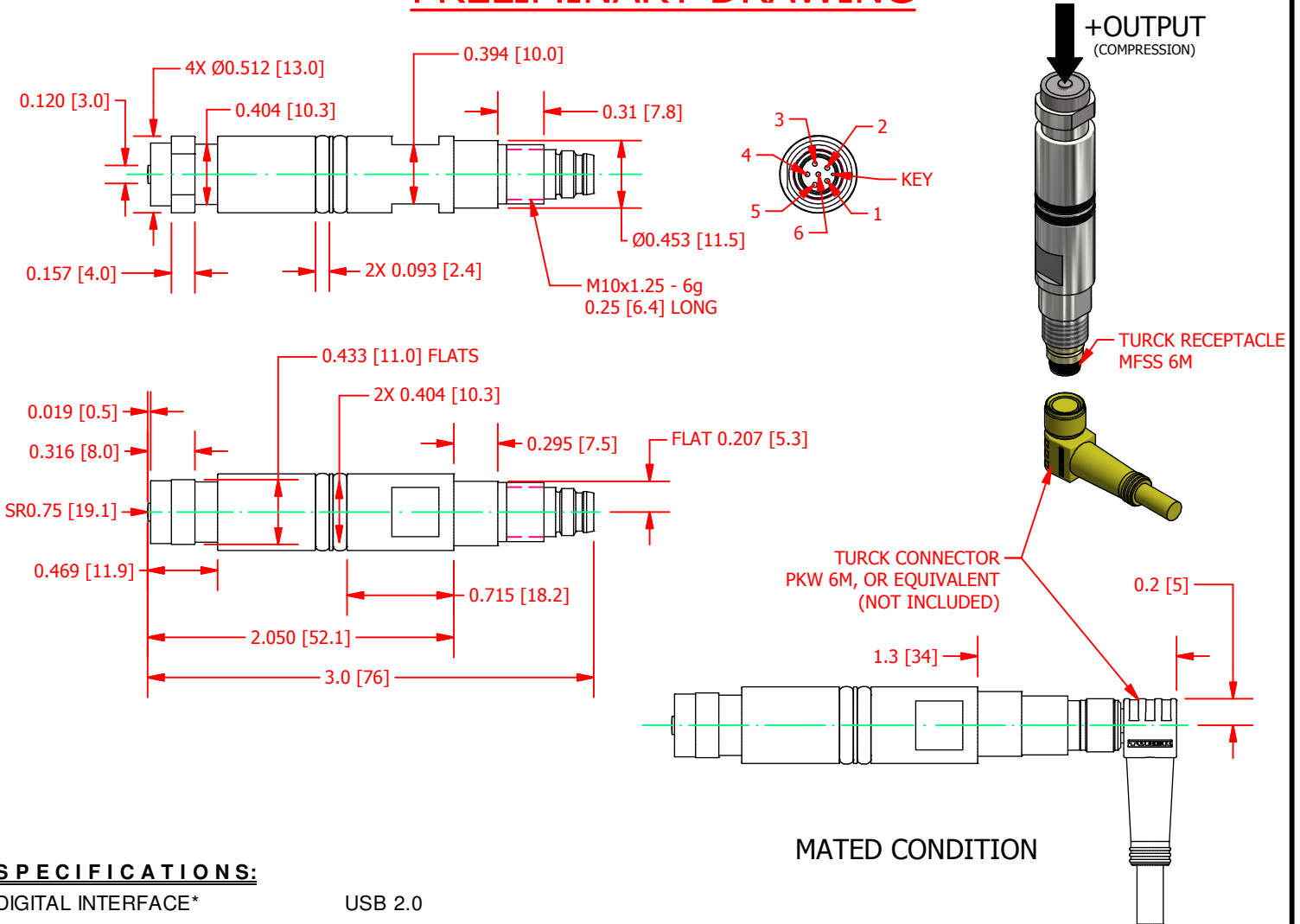
FUTEK MODEL QLA388 SMART COMPRESSION LOAD PROBE CARTRIDGE W/ AUTO RECOGNITION

ITEM NUMBER: QSH01804

- Operates Under Pressure Ranges up to 6 Bar
- Supports improvement of Sealed chamber
- POKA-YOKE Keyed Assembly w/ Locking Features
- Integrated Calibration Verification Feature w/ USB Module*
- Ease of installation and replacement from top side

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
PIN 1	PIN 4	PIN 3	PIN 2
TEDS DATA		TEDS GND	
PIN 5	PIN 6		

PRELIMINARY DRAWING



SPECIFICATIONS:

DIGITAL INTERFACE*	USB 2.0
PROGRAMMABLE RANGES	10, 20, 50, 100 kg
OPERATING TEMP	-40 to 185 °F (-40 to 85 °C)
WEIGHT (approx)	0.1 lb [45.4 g]
MATERIAL (sensor body)	17-4 PH S.S.
CONNECTOR	TURCK PICO MFSS 6

* When using FUTEK USB Module

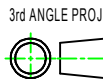
DSPM Industria*
sensori & trasduttori

Via Paolo Uccello 4 - 20148 Milano
Tel +39 02 48 009 757 Fax +39 02 48 002 070
info@dspmindustria.it www.dspmindustria.it

CUSTOMER APPROVAL- COMPANY:
CUSTOMER APPROVAL- NAME / DATE:
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"

This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

MODEL: QLA388	DWG No.: FO1393
DRAWN BY: M. Lisiak	CREATED DATE: 6/25/2015
APPROVED BY: R. Walker	APPROVED DATE: 6/26/2015
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1

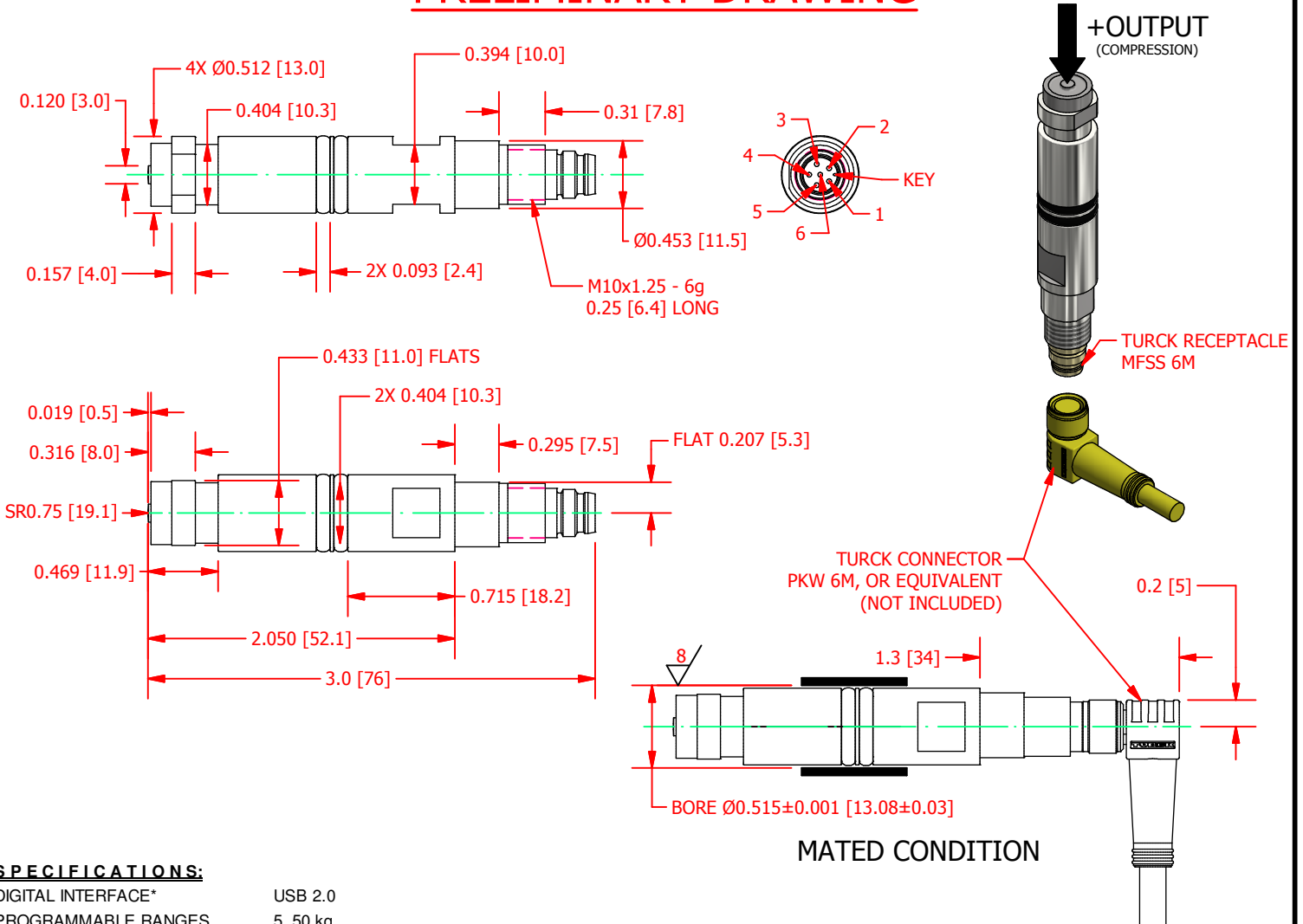
FUTEK MODEL QLA388 SMART COMPRESSION LOAD PROBE CARTRIDGE W/ AUTO RECOGNITION

ITEM NUMBER: QSH01807

- Operates Under Pressure Ranges up to 6 Bar
- Supports improvement of Sealed chamber
- POKA-YOKE Keyed Assembly w/ Locking Features
- Integrated Calibration Verification Feature w/ USB Module*
- Ease of installation and replacement from top side

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
PIN 1	PIN 4	PIN 3	PIN 2
TEDS DATA		TEDS GND	
PIN 5	PIN 6		

PRELIMINARY DRAWING



SPECIFICATIONS:

DIGITAL INTERFACE*	USB 2.0
PROGRAMMABLE RANGES	5, 50 kg
SAFE OVERLOAD	100 kg
OPERATING TEMP	-40 to 185 °F (-40 to 85 °C)
WEIGHT (approx)	0.1 lb [45.4 g]
MATERIAL (sensor body)	17-4 PH S.S.
CONNECTOR	TURCK PICO MFSS 6
O-RING	0.395 ID x 0.070 W 70A Ethylene Propylene Black

* When using FUTEK USB Module

DSPM Industria*
sensori & trasduttori

Via Paolo Uccello 4 - 20148 Milano
Tel +39 02 48 009 757 Fax +39 02 48 002 070
info@dspmindustria.it www.dspmindustria.it

CUSTOMER APPROVAL- COMPANY:
CUSTOMER APPROVAL- NAME / DATE:
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.

This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

MODEL: QLA388	DWG No.: FO1394
DRAWN BY: M. Lisiak	CREATED DATE: 7/2/2015
APPROVED BY: R. Walker	APPROVED DATE: 7/2/2015
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1

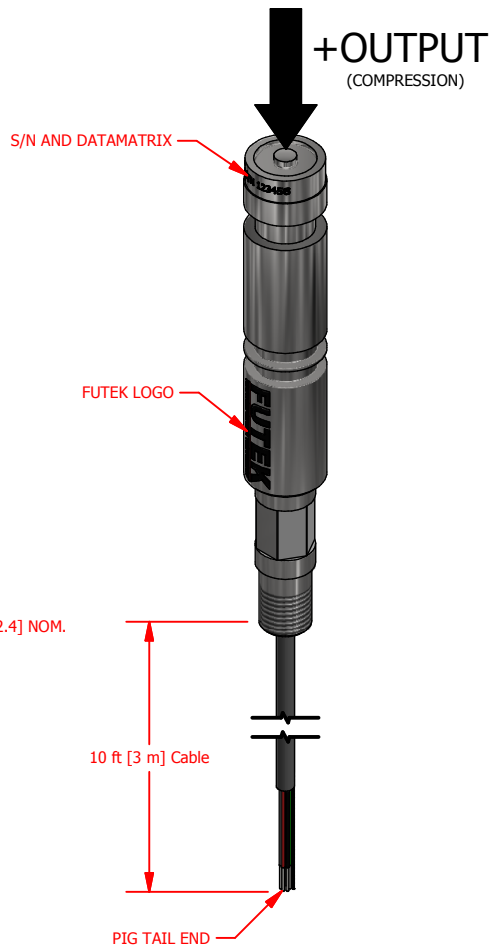
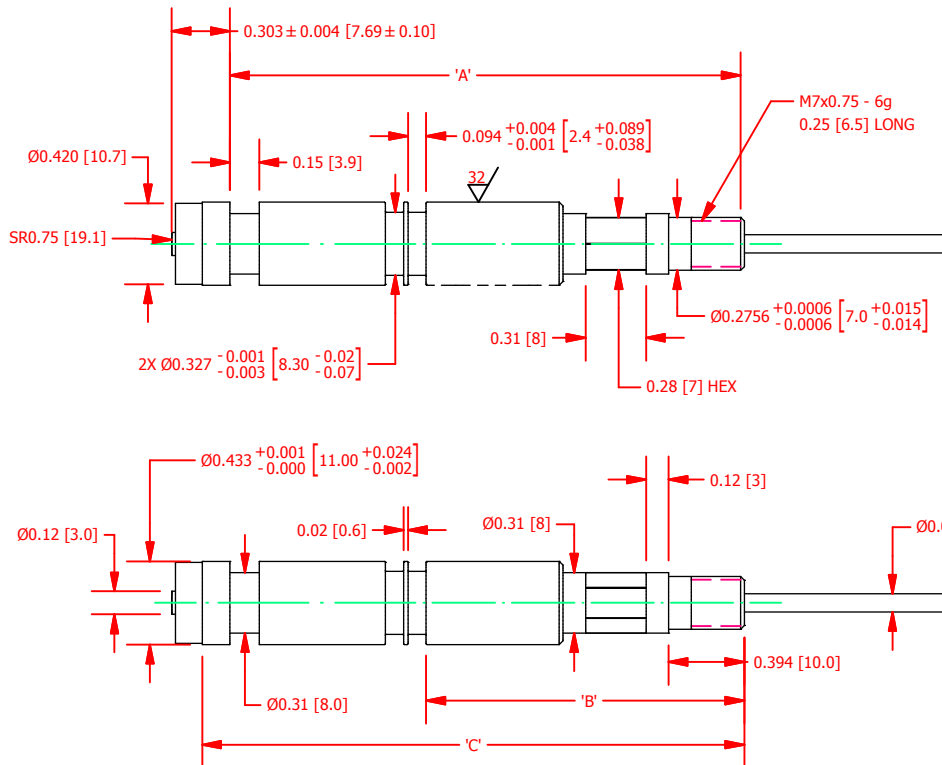
FUTEK MODEL QLA388 SMART COMPRESSION LOAD PROBE CARTRIDGE

71MM & 75MM CABLE EXIT VERSION

ITEM NUMBER: SEE CHART

- Operates Under Pressure Ranges up to 6 Bar
- Supports improvement of Sealed chamber
- Ease of installation and replacement from bottom side

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
TEDS DATA	TEDS GND	Shield	
BLUE	YELLOW	FLOATING	



Preliminary Drawing

ITEM #	'A'	'B'	'C'
QSH01816	2.68 [68.1]	1.66 [42.1]	2.82 [71.7]
QSH01817	2.82 [71.7]	1.76 [44.7]	2.97 [75.3]

SPECIFICATIONS:

CAPACITY	100kg
SAFE OVERLOAD	150 % of R.O.
EXCITATION (VDC OR VAC)	7 MAX
OPERATING TEMP	-40 to 185 °F (-40 to 85 °C)
WEIGHT (approx)	0.12 lb [54.4 g]
MATERIAL (sensor body)	17-4 PH S.S.
CABLE: #30 AWG 6 Conductor Braided Shielded Cable, 10 ft [3 m] Long	
CALIBRATION TEST EXCITATION	5 VDC
CALIBRATION	COMPRESSION

DSPM Industria®
sensori & trasduttori

Via Paolo Uccello, 4 20148 Milano
Tel +39 02 48 009 757 Fax +39 02 48 002 070
info@dspmindustria.it www.dspmindustria.it

CUSTOMER APPROVAL- COMPANY:
CUSTOMER APPROVAL- NAME / DATE:

OUTLINE DRAWING

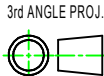
STANDARD NOTES: (Unless Otherwise Specified)

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"



This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

MODEL: QLA388	DWG No.: FO1403
DRAWN BY: M. Lisiak	CREATED DATE: 7/31/2015
APPROVED BY: _____	APPROVED DATE:
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1