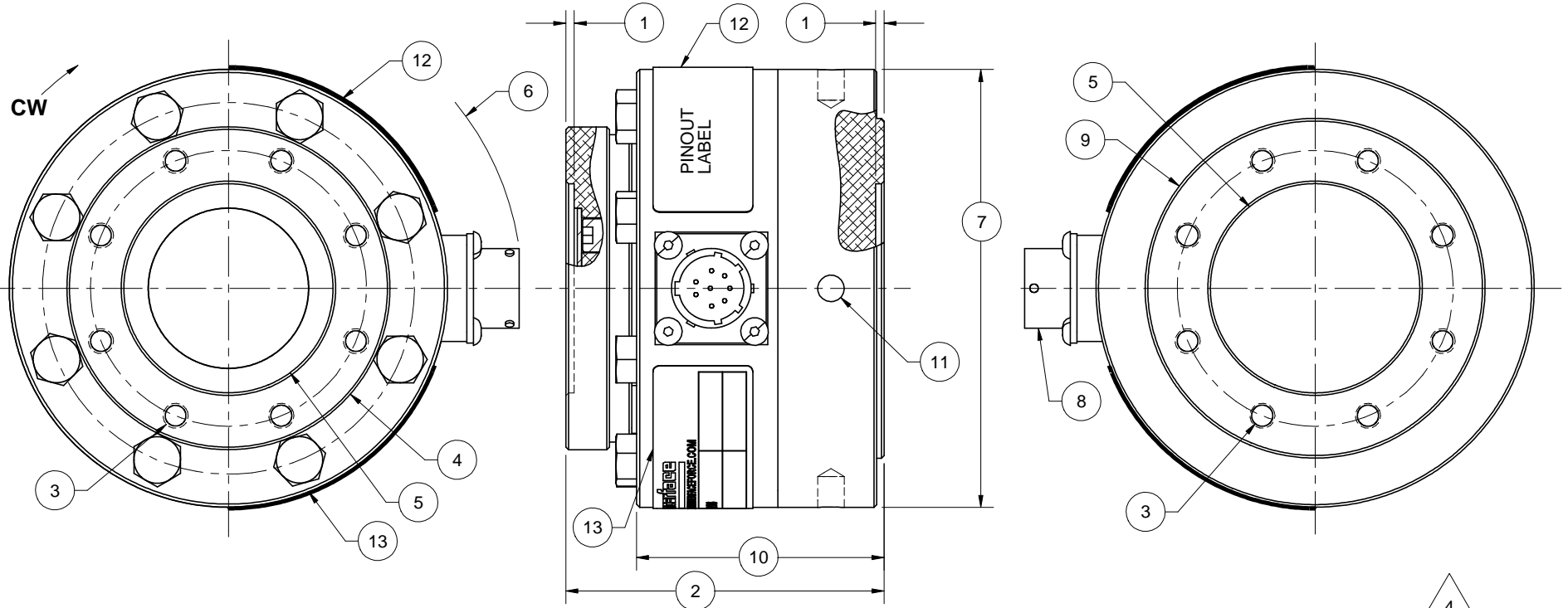


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81120

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/25/11	<i>me</i>



FLEXURE BASE

LOAD CELL CHARACTERISTICS		CAPACITIES (kN) / (Nm)
#	CAPACITY	1.11 / 14.1 2.22 / 28.2
1	PILOT DEPTH	2.0
2	OVERALL HEIGHT	76.2
3	MOUNTING THREAD AND BOLT CIRCLE	M6 X 1-6H ∇ 10.9, ON A 66.00 B.C.
4	FLANGE DIAMETER	\varnothing 77.2
5	PILOT DIAMETER	\varnothing 50.00 + 0.05 / - 0.00
6	ROTATIONAL CLEARANCE	R 71.0 MIN.
7	OUTSIDE DIAMETER	\varnothing 104.7
8	CONNECTOR TYPE	PT02E-12-8P
9	OUTER RING DIAMETER, BASE	\varnothing 81.3
10	BOTTOM TO SHOULDER	59.2
11	(4) SPANNER HOLES SPACED AT 90°	\varnothing 6.4 ∇ 7.4
12	PINOUT LABEL	
13	IDENTIFICATION LABEL INCLUDING: MODEL, CAPACITY, SERIAL NUMBER & OUTPUT	

4. PINS A THRU D: BRIDGE A (AXIAL)
PINS E THRU H: BRIDGE B (TORSION).
3. PAINT BLACK.
2. DIMENSIONAL TOLERANCE: \pm 0.3.
1. DIMENSIONS IN mm.

CONNECTOR PINOUT	
PIN	FUNCTION
A, E	+ EXCITATION
B, F	+ SIGNAL
C, G	- SIGNAL
D, H	- EXCITATION

"A" TENSION UPSCALE
"B" CLOCKWISE UPSCALE

REMOVE BURRS AND SHARP EDGES .02 MAX SURFACE FINISH 63 MICROINCHES		interface ADVANCED FORCE MEASUREMENT 7401 E. BUTHERUS DR. SCOTTSDALE, AZ USA 85260	
CREATOR	DATE	TITLE:	REV:
DESIGNED: KEN	10/19/11	OUTLINE MODEL, 1216EFZ-1.11 & 2.22 KN	A
DETAILED: RLP	10/19/11	SIZE DWG. NO:	
CAM DATA:		A 81120	
SCALE: 1:1.5		SHEET 1 OF 1	

CAD FILE <N:\-81120a.SLD***>