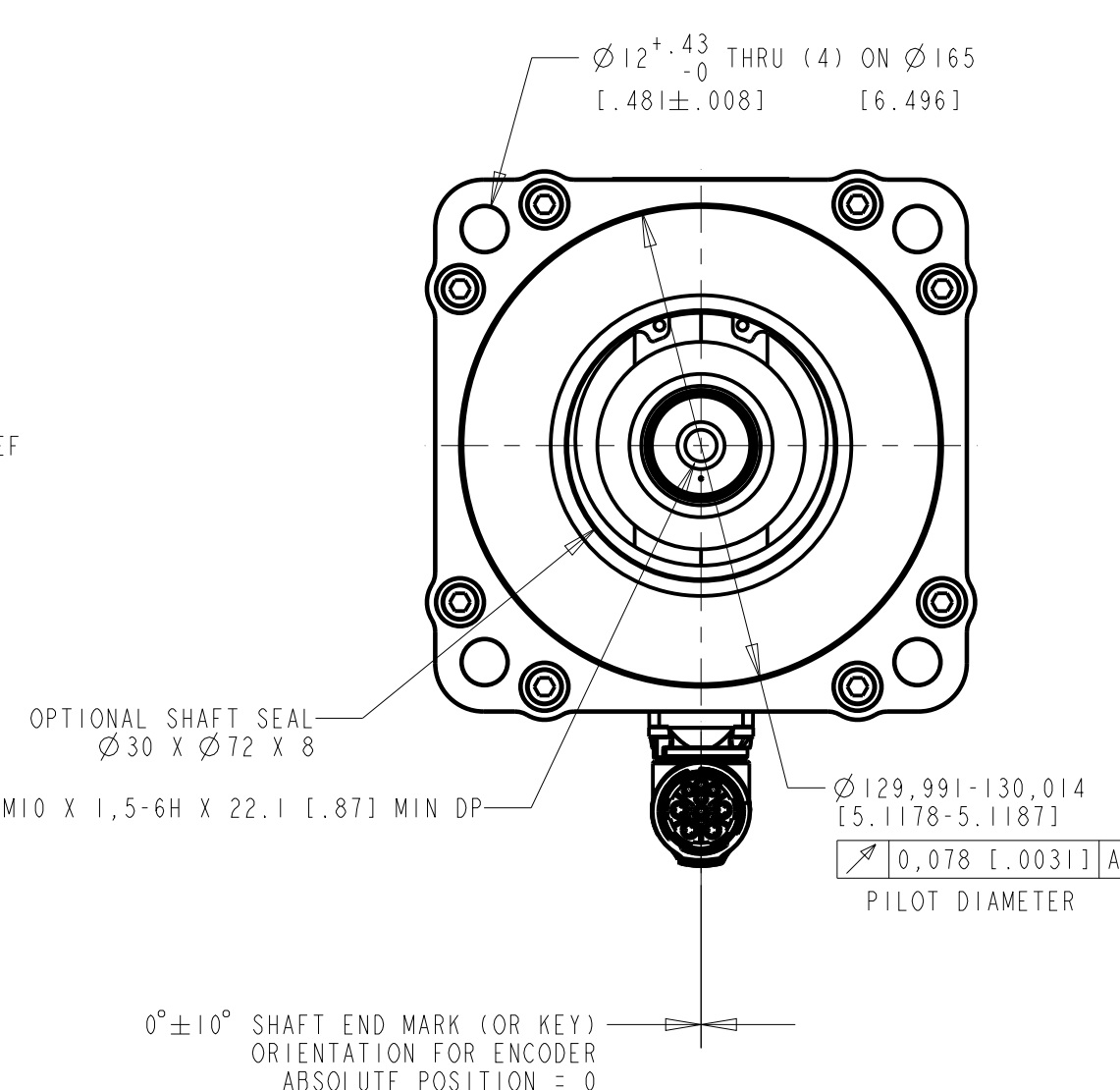
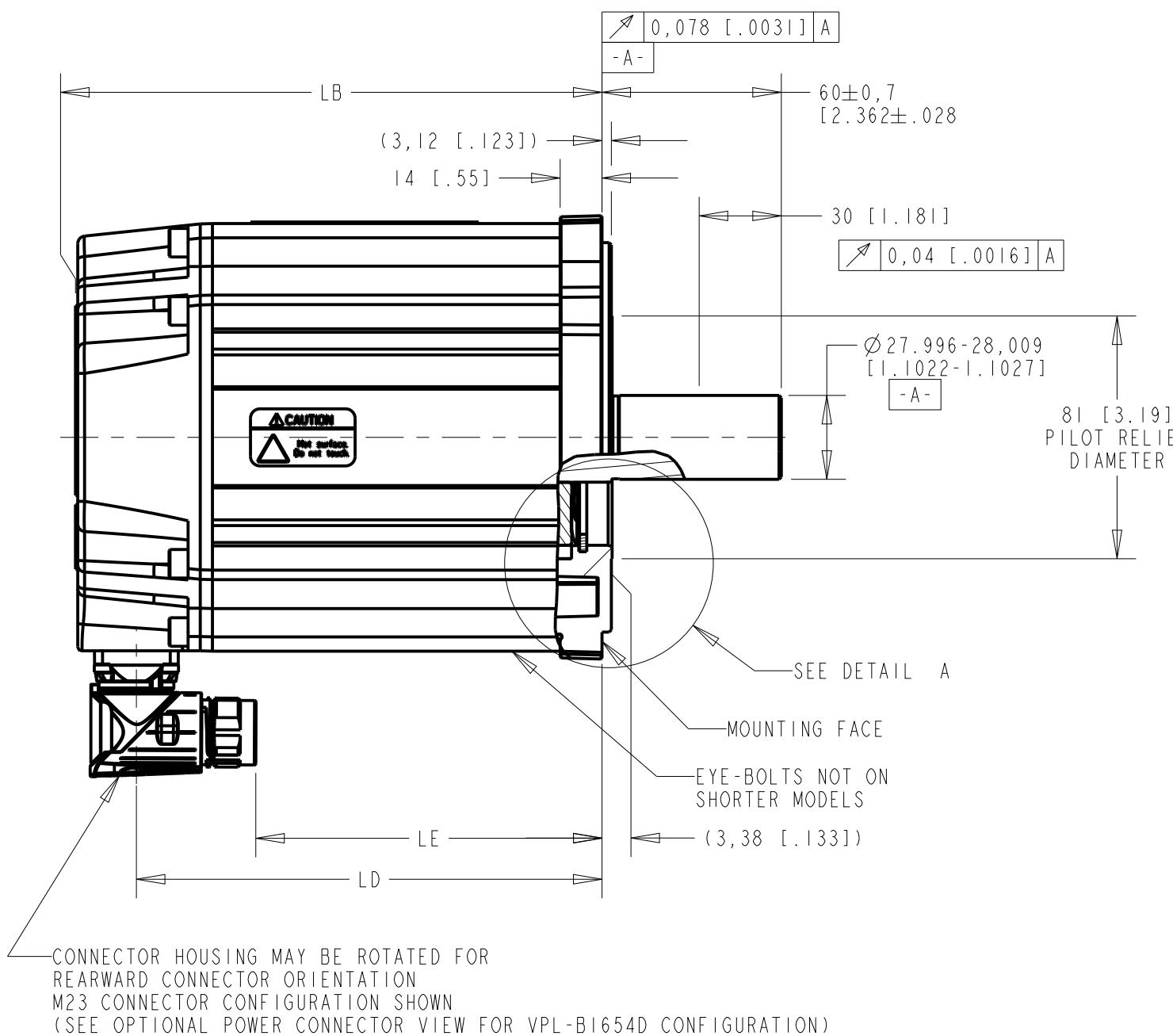
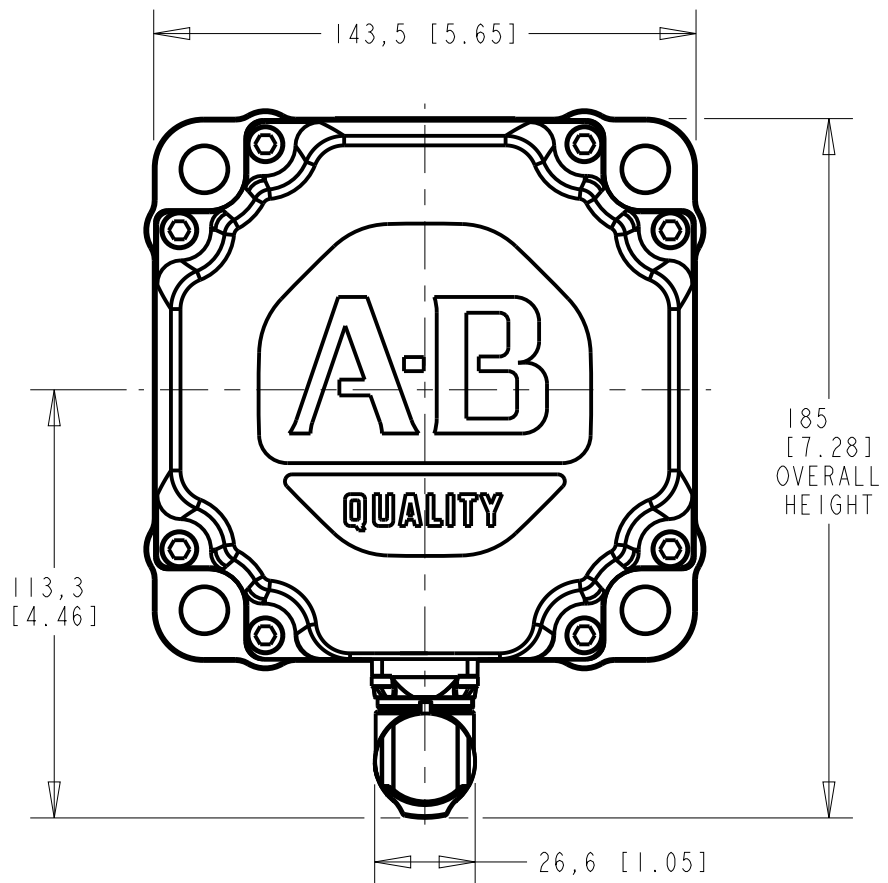


A

B

C

D

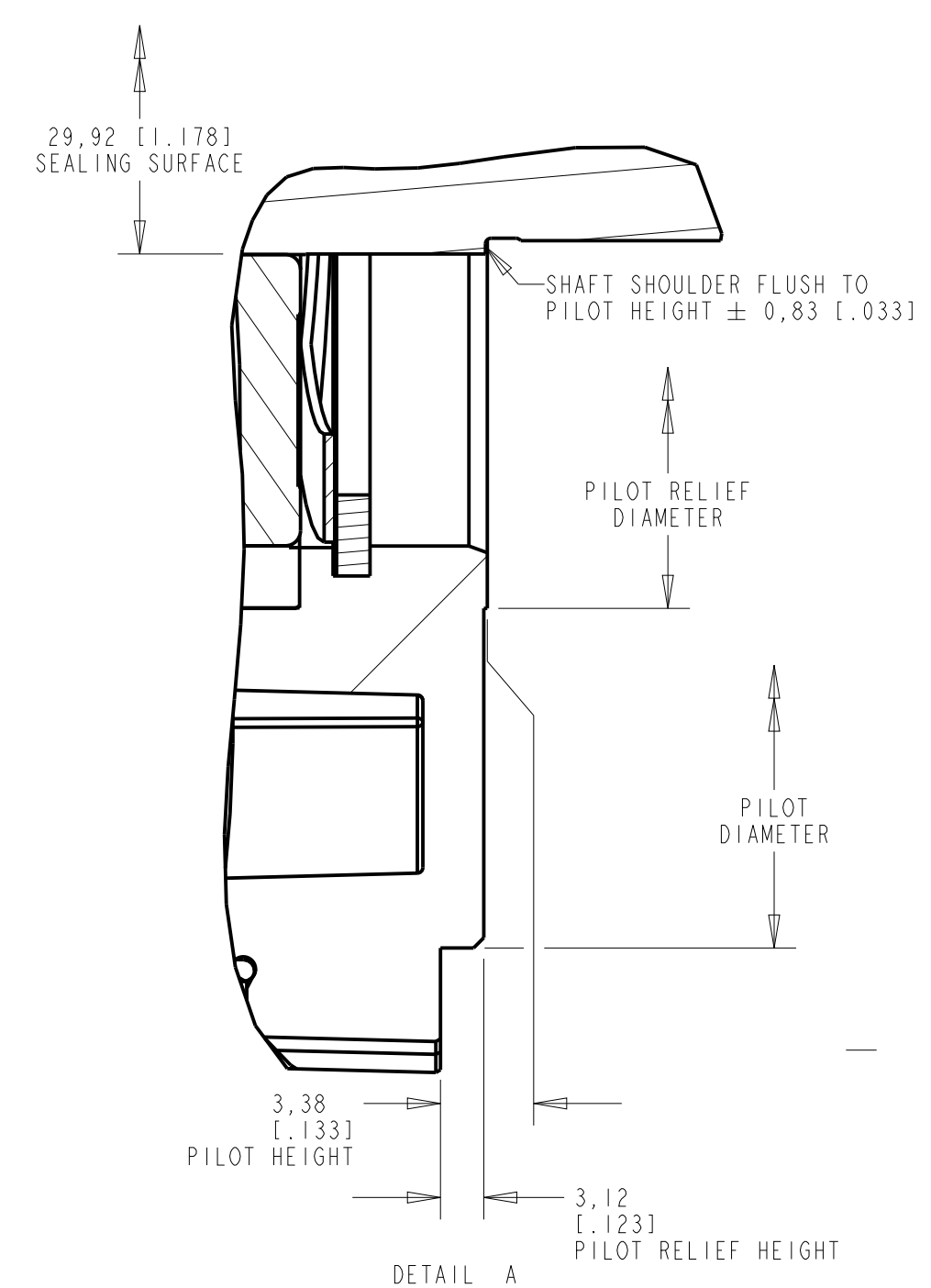


E

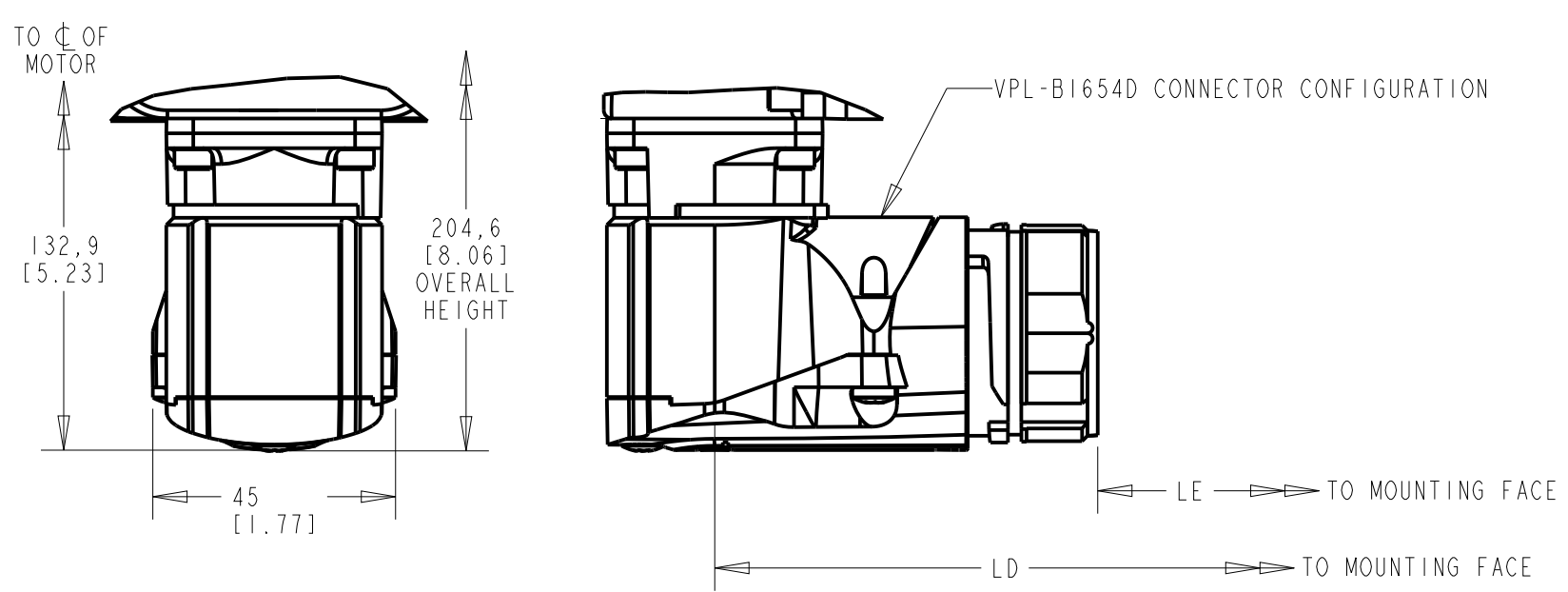
F

G

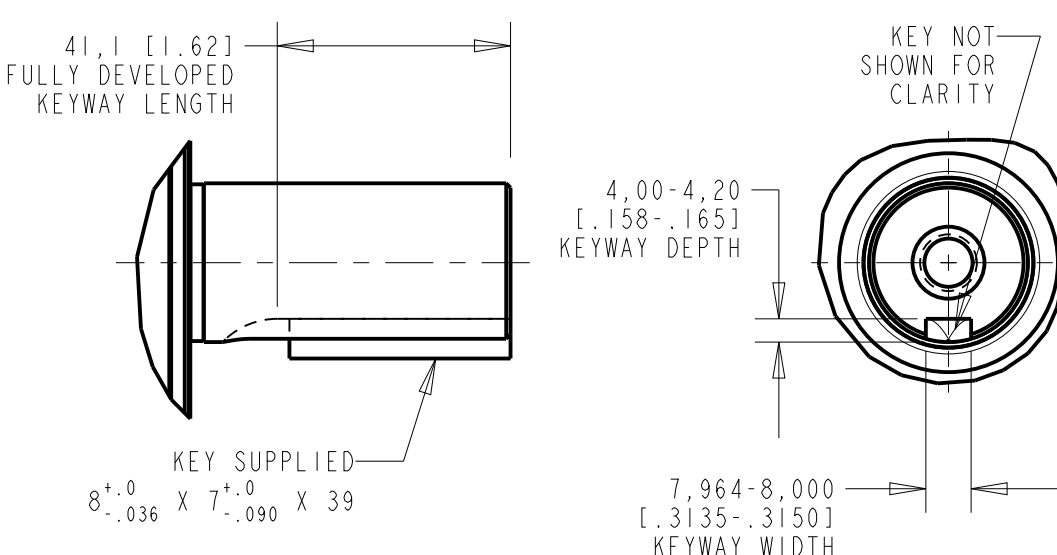
H



OPTIONAL M40 POWER CONNECTOR



OPTIONAL SHAFT KEY



PIN-OUT		PIN-OUT	
M23 CONNECTOR		M40 CONNECTOR	
PIN	FUNCTION	PIN	FUNCTION
A	U	U	U
B	V	V	V
C	W	W	W
⊕	GND	⊕	GND
E	DSL+	I	-
F	-	2	-
G	-	L	DSL+
H	DSL-	H	DSL-
L	-	+	-
-	-	-	-

NOTE:

- 1 DXF OF THIS DRAWING MUST BE SCALED TO LENGTH, SEE CHART ABOVE. MODEL SHOWN IS VPL-x1651x-xK12AA
2. 3D STEP (.stp) FILES AVAILABLE AT ALL LENGTHS.
3. COVERS SINGLE AND MULTI-TURN ABSOLUTE ENCODER 240V AND 480V MODELS (i.e.. VPL-x165xx-Cx12xx and VPL-x165xx-Px12xx).

MODEL	CONNECTOR SIZE	LB	LD	LE
1651	M23	175,6 [6.92]	155,4 [6.12]	115,6 [4.55]
1652	M23	226,4 [8.92]	206,2 [8.12]	166,4 [6.55]
1653	M23	277,2 [10.92]	257 [10.12]	217,2 [8.55]
1654	M23	328 [12.92]	307,8 [12.12]	268 [10.55]
1654	M40	328 [12.92]	306,8 [12.08]	235,8 [9.28]

UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING DIMENSIONS ARE IN MILLIMETERS WITH INCHES REFERENCED (X) UNTOLERANCED DIMENSIONS ARE REFERENCE
3RD ANGLE PROJECTION

Rockwell Automation

ESM,VPL,165,STANDARD

Drawn by: R.SCHMID

Date: 04-14-11

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Sheet 1 Of 1

Size	Ver
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