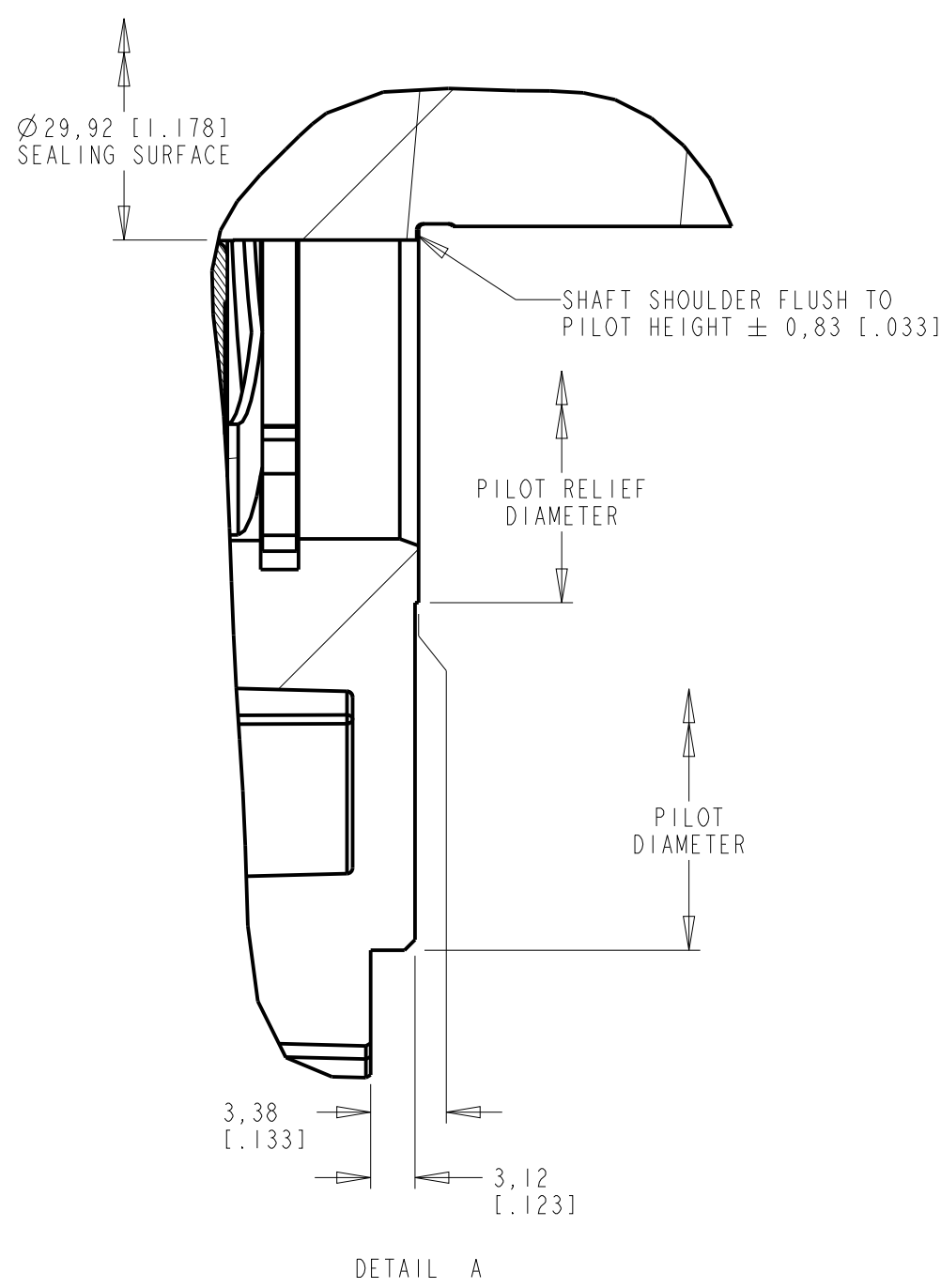
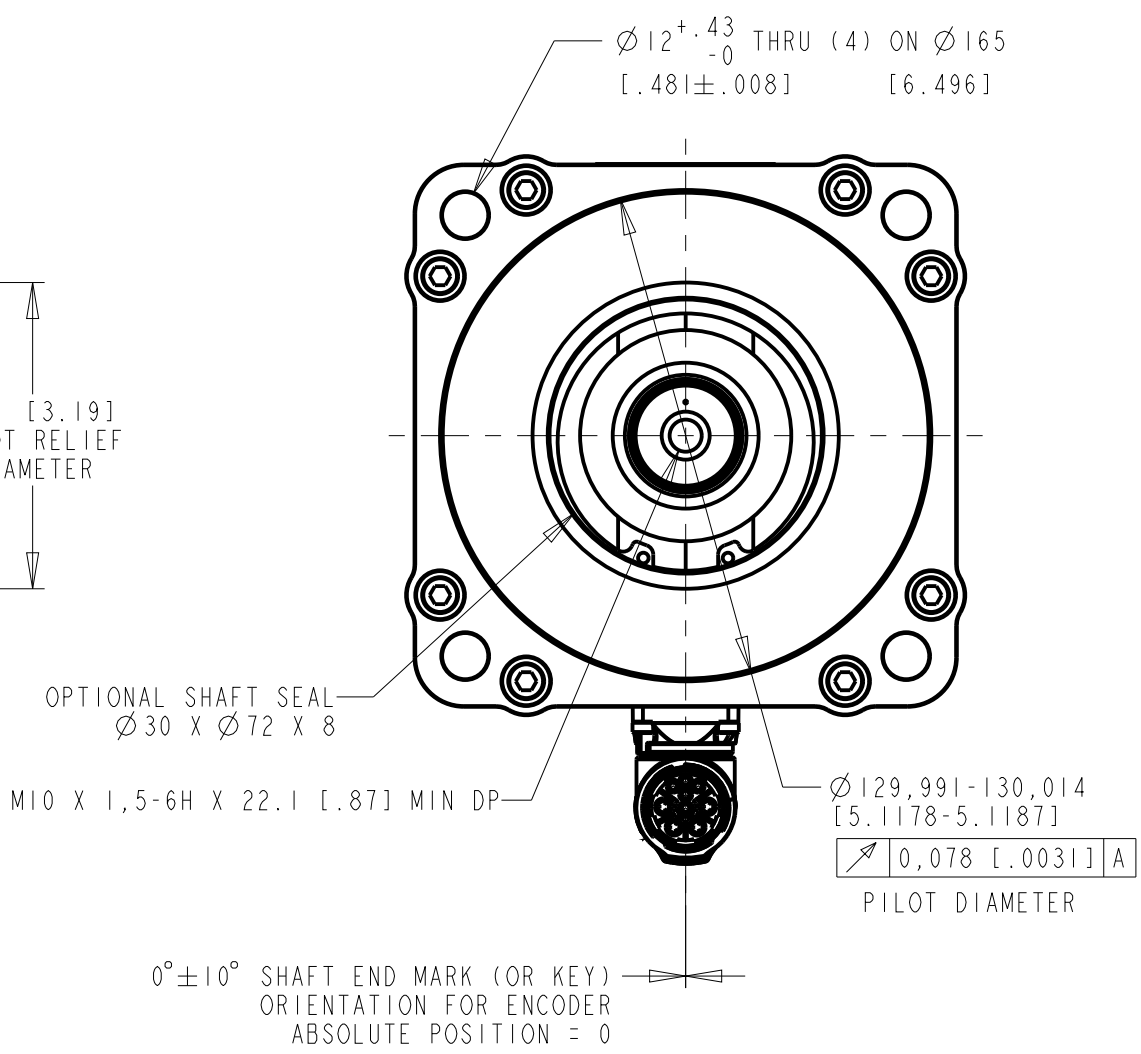
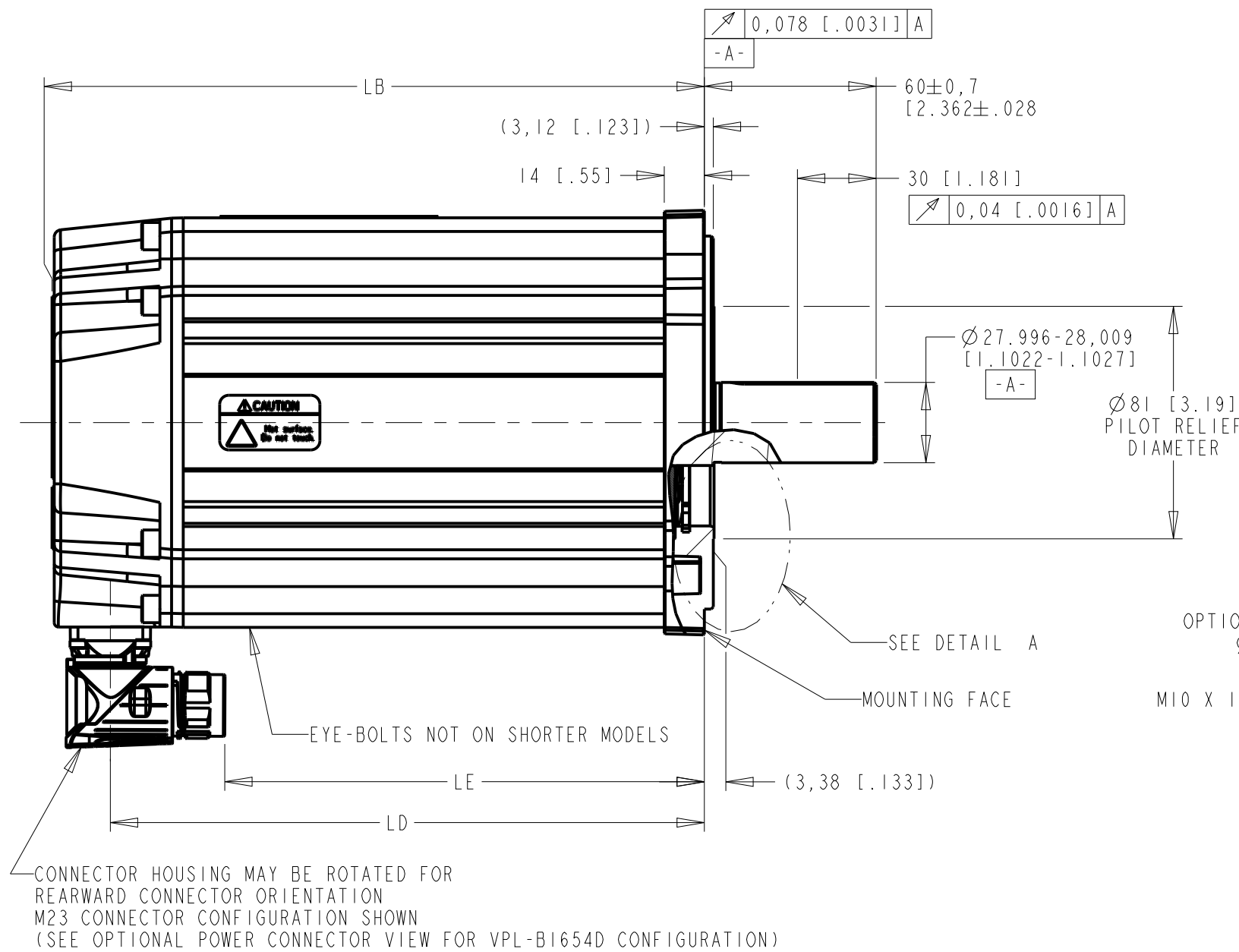
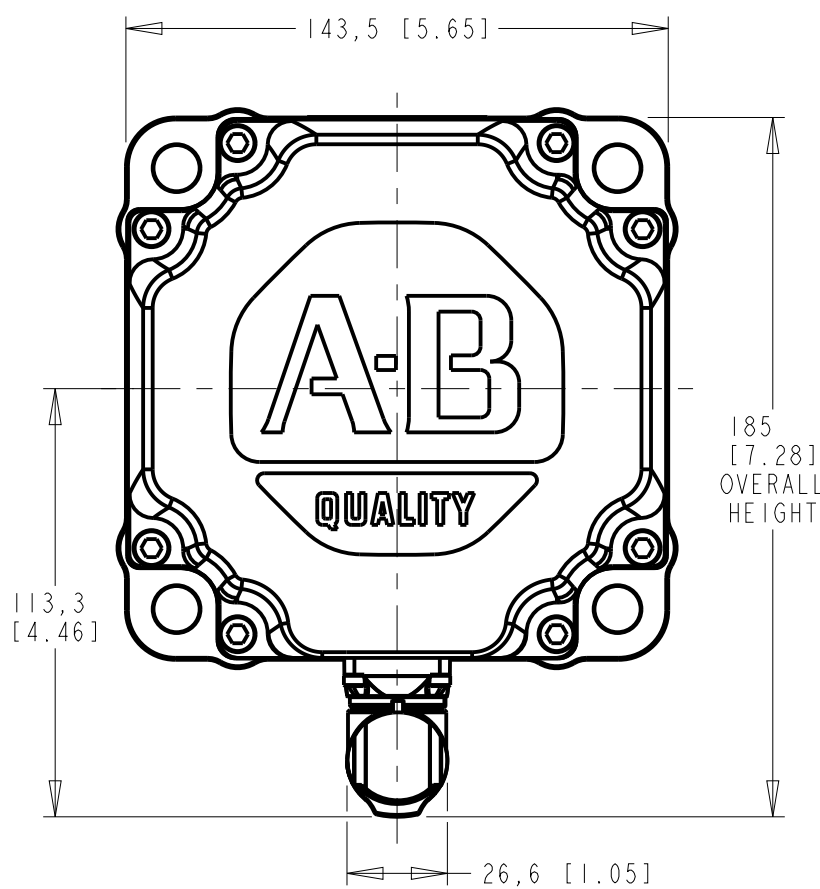
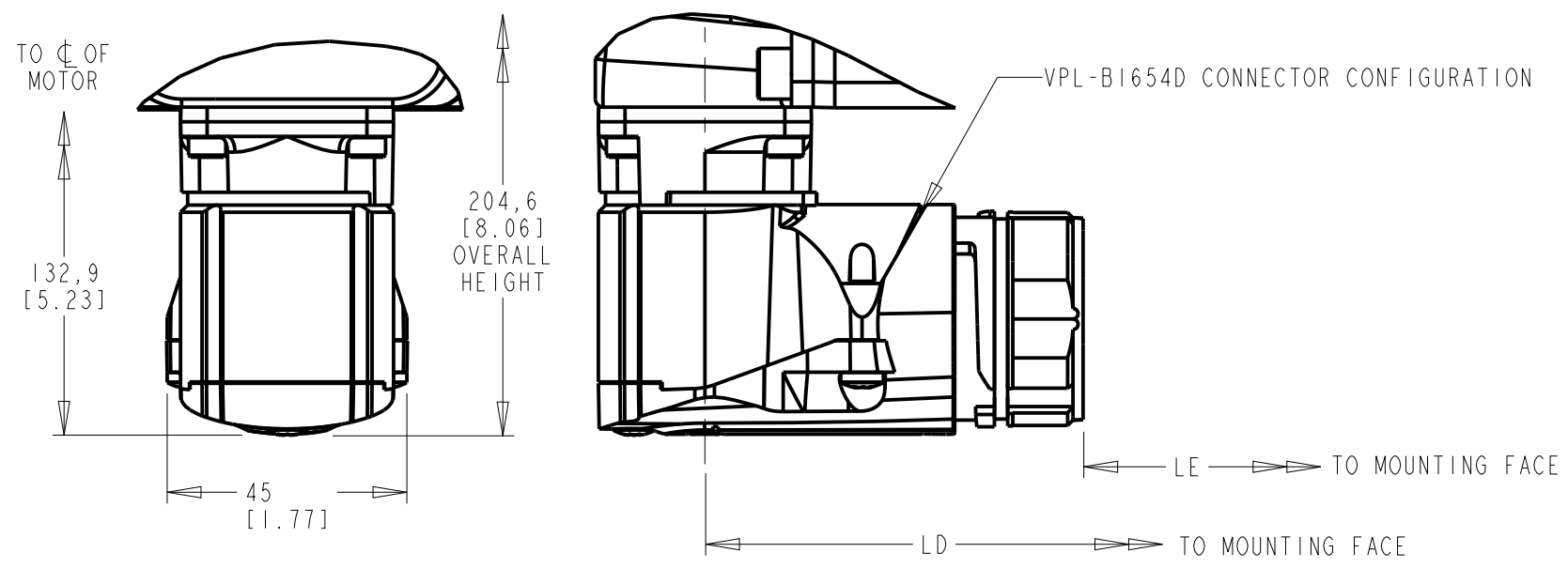
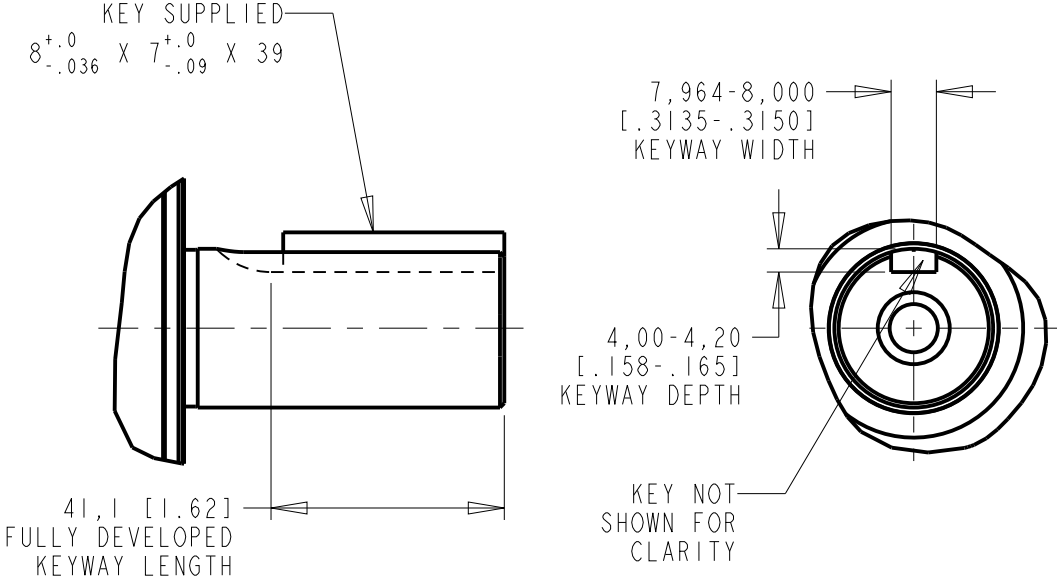




OPTIONAL POWER CONNECTOR



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+	1	MBRK+
F	MBRK+	2	MBRK-
G	MBRK-	L	DSL+
H	DSL-	H	DSL-
L	-	+	-
		-	-

MODEL	CONNECTOR SIZE	LB	LD	LE
1651	M23	227,2 [8.95]	207 [8.15]	167,1 [6.58]
1652	M23	278 [10.95]	257,8 [10.15]	217,9 [8.58]
1653	M23	328,8 [12.95]	308,6 [12.15]	268,7 [10.58]
1654	M23	379,6 [14.95]	359,4 [14.15]	319,5 [12.58]
1654	M40	379,6 [14.95]	358,4 [14.11]	287,4 [11.31]

- NOTE:
- DXF OF THIS DRAWING MUST BE SCALED TO LENGTH, SEE CHART ABOVE. MODEL SHOWN IS VPL-x1651x-xK14AA
 - 3D STEP (.stp) FILES AVAILABLE AT ALL LENGTHS.
 - COVERS SINGLE AND MULTI-TURN ABSOLUTE ENCODER 240V AND 480V MODELS (i.e.. VPL-x165xx-Cx14xx and VPL-x165xx-Px14xx).

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,BRK

Drawn by: R.SCHMID Date: 04-28-11

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Sheet 1 Of 1

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