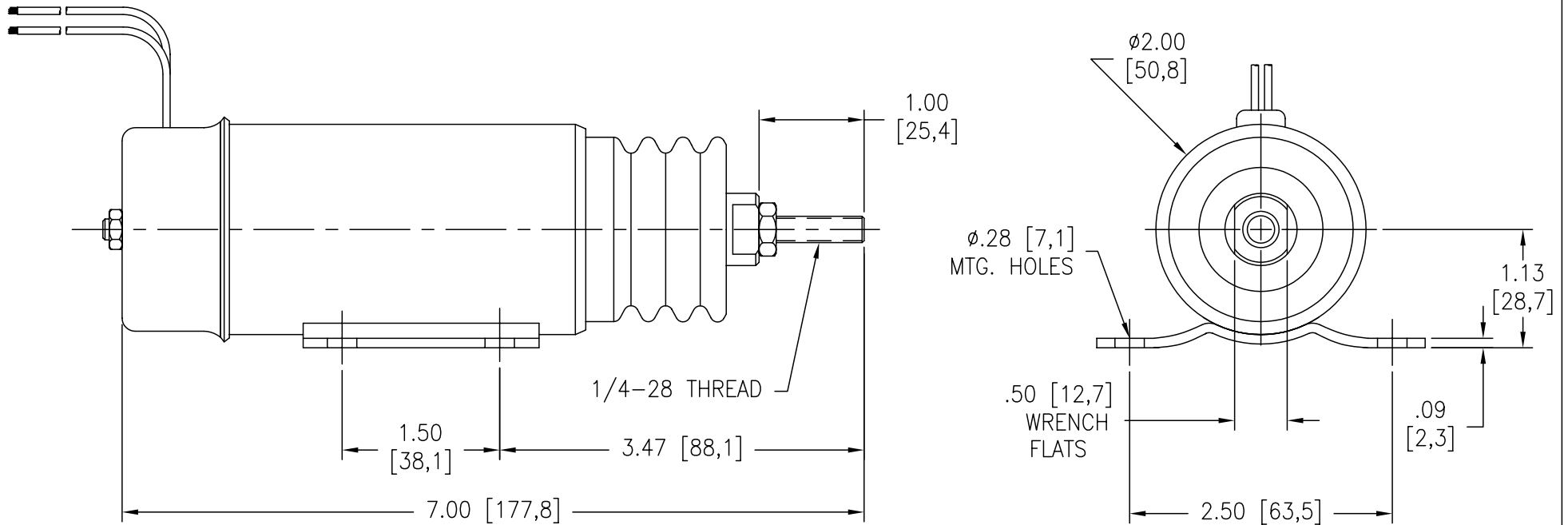




D513 SERIES		
Abbreviated Specifications & Dimensions		
W-D513-03002		
Revision A	ECN 3599	10/10/00



SHOWN ENERGIZED

Model #	Net Pull Force (lbs./newtons)	Net Hold Force (lbs./newtons)	Max. Stroke (inch [mm])	Voltage	Coil Resis. (ohms)	Pull-in (amps)	Hold (amps)	Spring	Boot	Comments & Features
D513-A32	13.9/61.8	37/164	1.50 [38.1]	12 VDC	.178/13.6	67.4	.88	Prt	Yes	
D513-A32V12	13.9/61.8	37/164	1.50 [38.1]	12 VDC	.178/13.6	67.4	.88	No	Yes	
D513-B32V12	12.9/57.4	25.8/114	1.50 [38.1]	12 VDC	.178/13.6	67.4	.88	Light	Yes	
D513-G32V12	24.0/106	30.3/134	1.00 [25.4]	12 VDC	.178/13.6	67.4	.88	Light	Yes	1.00 Stroke
D513-A33	13.9/61.8	37.0/164	1.50 [38.1]	24 VDC	.68/54.0	32.3	.44	Prt	Yes	
D513-A33V24	13.9/61.8	37.0/164	1.50 [38.1]	24 VDC	.68/54.0	32.3	.44	No	Yes	
D513-B33V24	12.9/57.4	25.8/114	1.50 [38.1]	24 VDC	.68/54.0	32.3	.44	Light	Yes	
D513-A39V12	13.9/61.8	37/164	1.50 [38.1]	12 VDC	.178/13.6	67.4	.88	No	Yes	Deutsch connector