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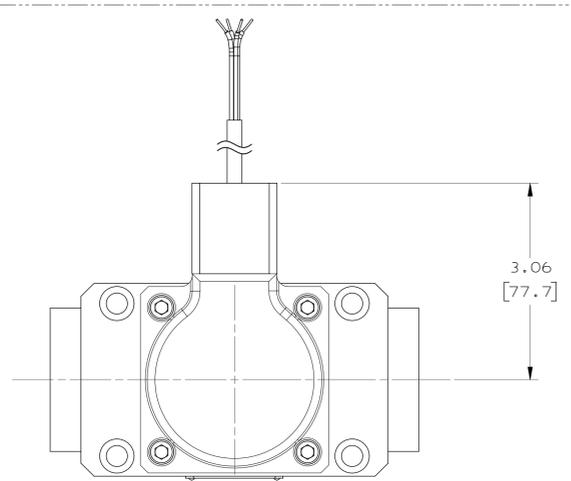
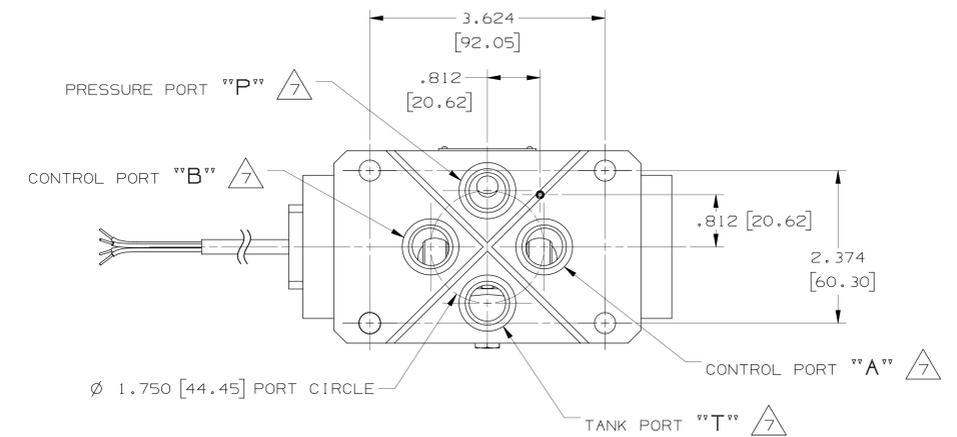
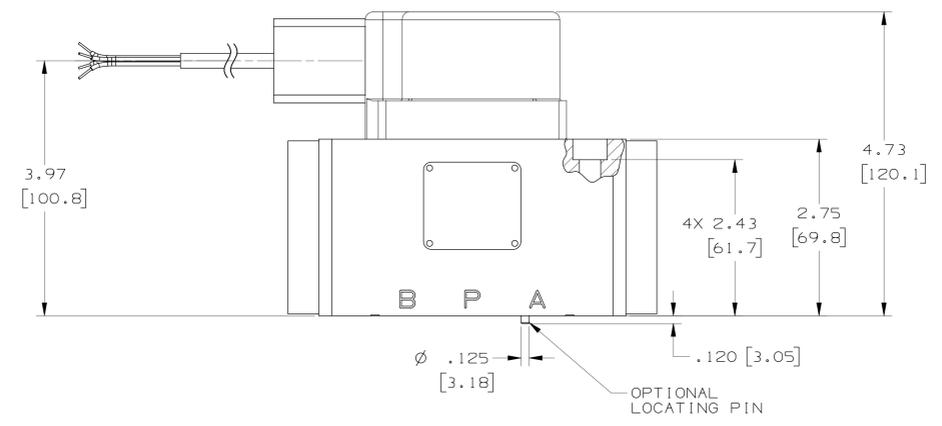
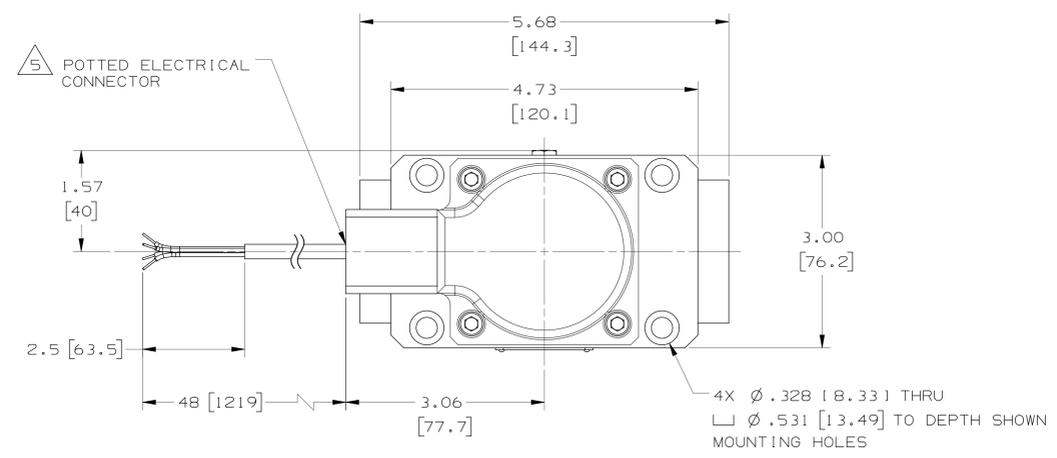
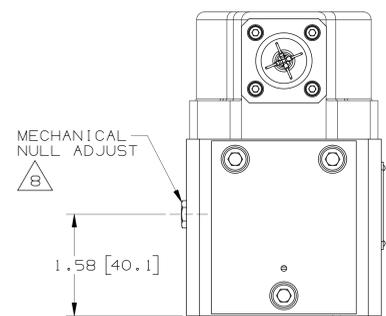
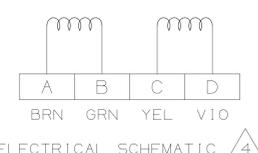
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REVISONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	
-	EO UE1064531	RELEASE	20170901 MJN/MEL/RJM
A	SEE CN 11221		20220928 RCT/NWR

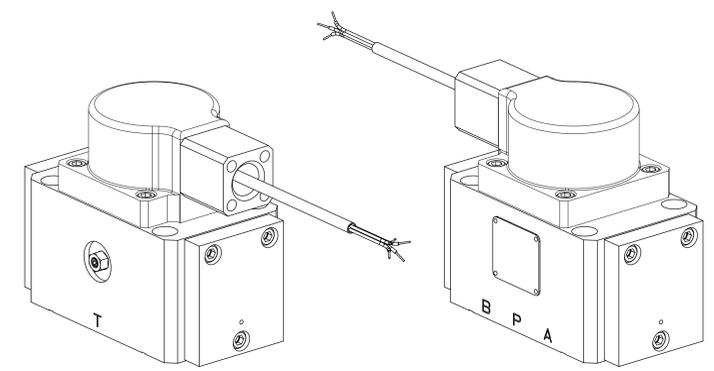
NOTES:

- FLUID:
TYPE: INDUSTRIAL TYPE PETROLEUM BASE HYDRAULIC FLUID.
RECOMMENDED VISCOSITY RANGE AT 100°F [38°C]: 10 to 97mm²/s (cst).

CLEANLINESS LEVEL PER ISO 4406:
NORMAL LIFE: 17/14/11
LONG LIFE: 15/13/10
- CERTIFIED OPERATING TEMPERATURE RANGE: SEE NAMEPLATE.
- MAXIMUM OPERATING PRESSURE: 3000 PSI [210 bar]
- 4** POLARITY OPERATION: FLOW OUT CONTROL "B" WHEN:
SERIES: BROWN + VIOLET -, GREEN & YELLOW TIED
PARALLEL: BROWN + YELLOW TIED +, GREEN & VIOLET TIED -
SINGLE: BROWN + GREEN -, OR YELLOW + VIOLET -
- 5** ELECTRICAL CONNECTOR WITH 1/2-14 NPT FEMALE THREAD FOR CONDUIT CONNECTION.
- DIMENSIONS ARE FOR REFERENCE ONLY.
DIMENSIONS IN BRACKETS () ARE IN MILLIMETERS.
- 7** PORTS P, T, A, B:
□ \varnothing .875 [22.23] ∇ .052 [1.32]
O-RINGS: .739 [18.77] I.D. X .070 [1.78] CROSS SECTION
(UNIVERSAL SIZE -018)
- 8** FOR INFORMATION/INSTRUCTION REFER TO:
"78N/760N SERIES INSTALLATION AND OPERATION INSTRUCTION" (CDS6857),
AVAILABLE ON www.moog.com/installation.
- SURFACE TO WHICH VALVE MOUNTS REQUIRES $\sqrt{.001 [0.025]}$, $\sqrt{.08}$
- SUGGESTED MOUNTING SCREWS:
.312-18 X 3.0 LONG (M8 X 75 LONG) SOCKET HEAD CAP SCREWS.
- FOR ACCESSORIES AND SPARE PARTS SEE 78 SERIES CATALOG (CDL6272),
AVAILABLE ON www.moog.com/installation.
- APPROVED BY DEKRA CERTIFICATION B.V. FOR ATEX AND IECEx AS Ex db IIA T3 Gb FOR CATEGORY 2G. AMBIENT TEMPERATURE RANGE IS -40°C TO +80°C WITH A PROCESS TEMPERATURE OF +120°C MAXIMUM. RATED POWER IS 0.28 W MAXIMUM. SEE VALVE NAMEPLATE FOR SPECIFIC ELECTRICAL RATING AND COIL CONNECTIONS.
- APPROVED BY CSA AS cCSAus CLASS 1, DIVISION 1, GROUP D AND CLASS 1, DIVISION 2, GROUPS B, C, AND D. AMBIENT TEMPERATURE RANGE IS -40°C TO +130°C WITH TEMPERATURE CODE T3C. RATED 30V DC MAXIMUM AND 220 mA MAXIMUM. SEE VALVE NAMEPLATE FOR SPECIFIC ELECTRICAL RATING AND COIL CONNECTIONS.



NOTE:
FOR CONNECTOR ORIENTATION OVER PRESSURE PORT "P" DIMENSIONS WOULD BE THE SAME AS OVER TANK PORT "T" (AS SHOWN ABOVE)



NOTE:
FOR CONNECTOR ORIENTATION OVER CONTROL PORT "A" DIMENSIONS WOULD BE THE SAME AS IN OVER CONTROL PORT "B" (AS SHOWN ON MAIN DRAWING VIEWS).

INTERNATIONAL PART

CONTRACT NO.		MOOG INC.	
PREPARED	M. NEUREUTHER	20170901	
CHECKED			
MGR ENGR			
DES ENGR	M. LUDLOW	20170901	
PRD ENGR	R. MILLOTTO	20170901	
APL ENGR			
MFG			
QUAL			
SCALE	1/1	AT	
TITLE		MOOG INC., EAST AURORA, NY 14052	
INSTALLATION, SERVO VALVE, -078NXXXE SERIES			
LAST SECTION/DATUM		SIZE	CAGE CODE
THIRD ANGLE PROJECTION		E94697	CC42165
		DWG NO.	CC42165
		SCALE	1/1
		AT	
		SHEET	1 OF 1

CC42165

UNIGRAPHICS DATA BASE