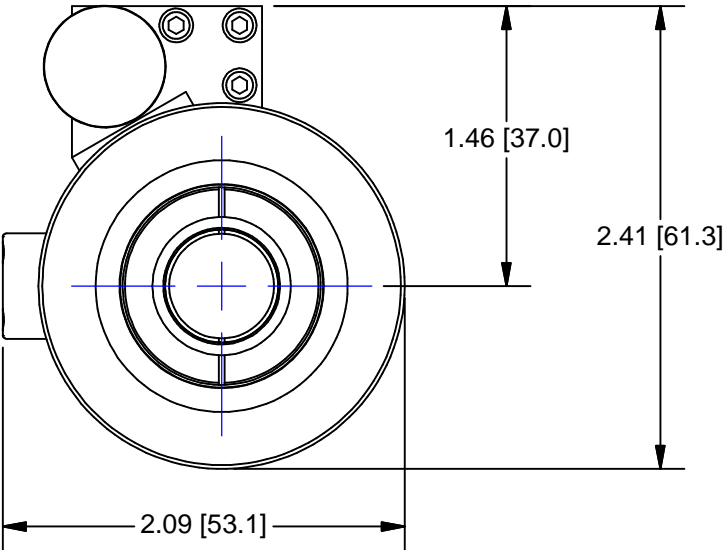
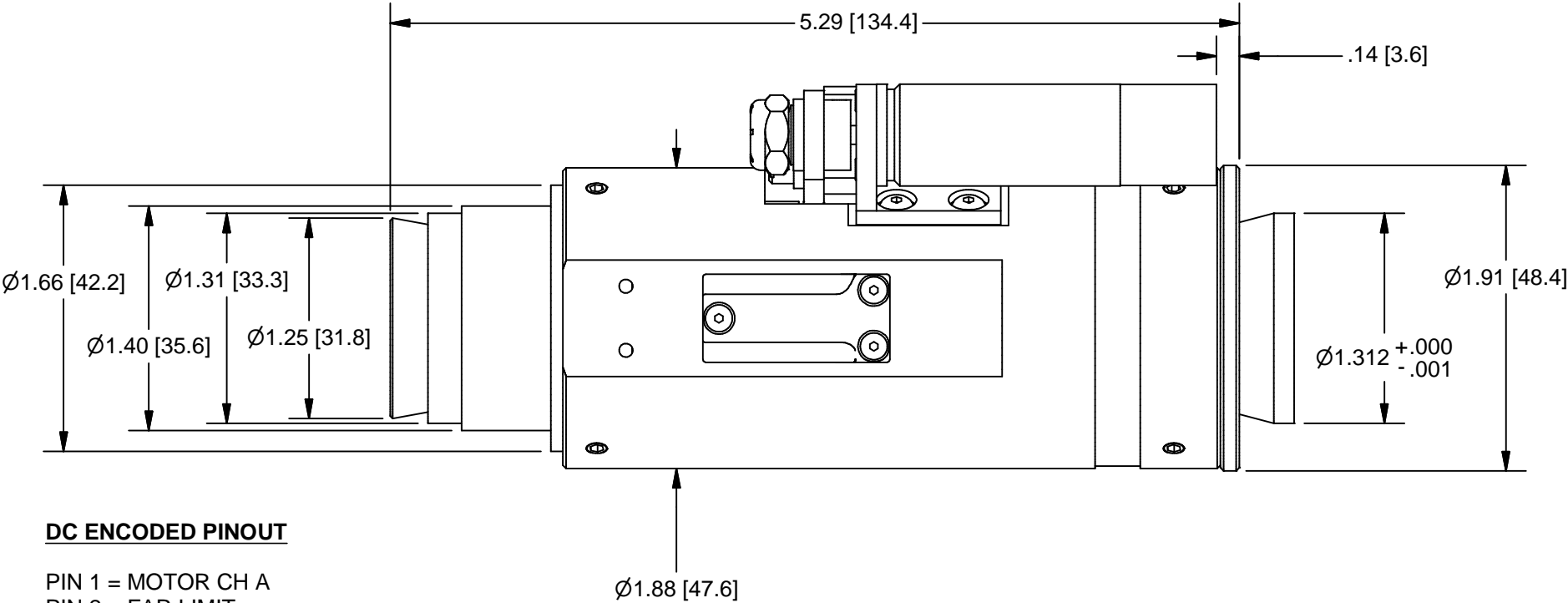
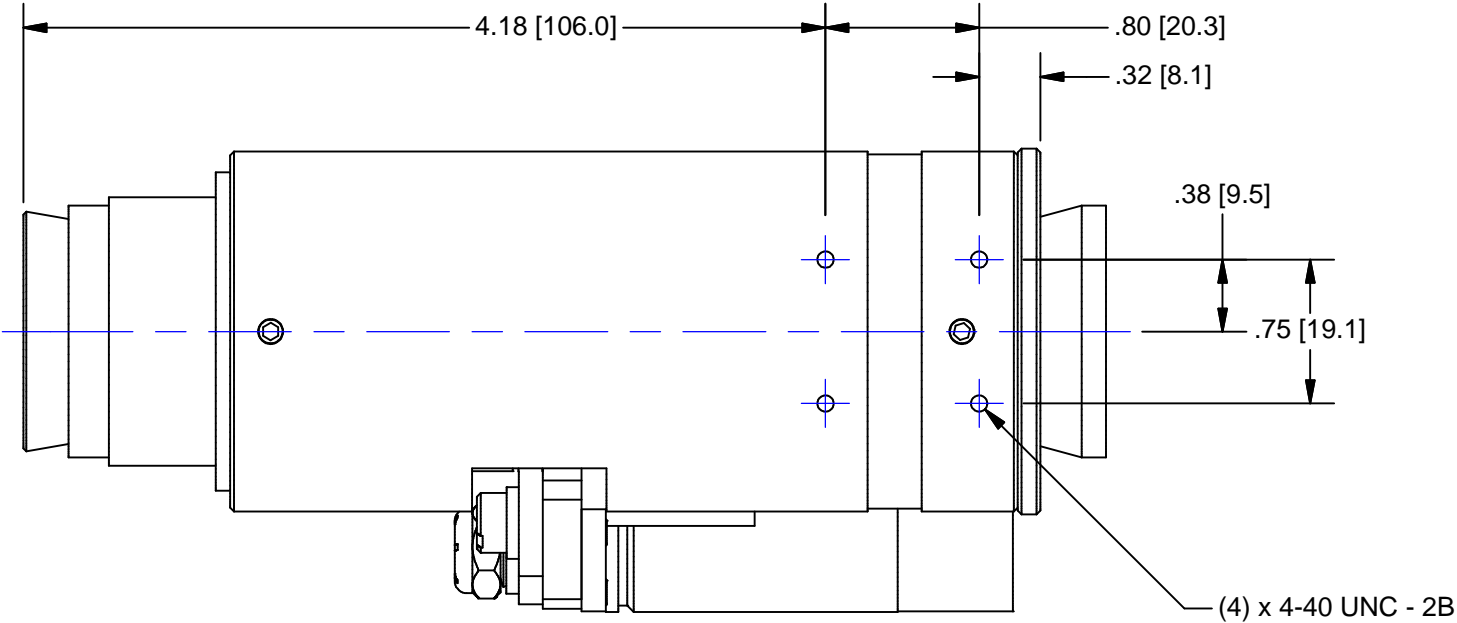
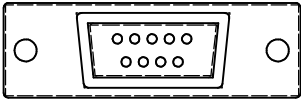


REV	CHANGE RECORD AND DATE		CH
A	RELEASE	09/04/03	



DC ENCODED PINOUT

PIN 1 = MOTOR CH A
PIN 2 = FAR LIMIT
PIN 3 = N/C
PIN 4 = +5Vdc
PIN 5 = MOTOR +
PIN 6 = MOTOR CH B
PIN 7 = NEAR LIMIT
PIN 8 = COMMON
PIN 9 = MOTOR -



9 PIN MALE D-SUB

**USED ON:
MATERIAL:**

FINISH:

CHAMFER ALL THREADS
30° TO ROOT DIAM.

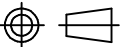
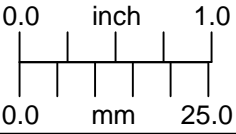
UNLESS OTHERWISE
SPECIFIED
DIMENSIONS ARE IN INCHES
AND INCLUDE CHEMICALLY
APPLIED OR PLATED FINISHES

TOLERANCES:
DEC. .XXX ± .005
DEC. .XX ± .010
FRACT. ± 1/64
ANGLES ± 30°
CONCENTRICITY .003 TIR
BREAK ALL SHARP EDGES
.005 MIN. .010 MAX
MAX. SURF. ROUGHNESS 32 √

P/N SUFFIX DEFINITION
-1 CONVERSION COATING
-2 PAINTING
-3 MARKING
-R REWORK

SCALE: 1:1
DR.: R. PODLENA
CH.: P. BONAFEDE
APP.:
DATE DR.: 9/18/2003
DO NOT SCALE DRAWING

THE CONTENTS OF THIS
DOCUMENT ARE PROPRIETARY
TO NAVITAR, ITS USE IS
AUTHORIZED ONLY FOR
RESPONDING TO REQUEST
FOR QUOTATION OR
PERFORMANCE OF WORK FOR
NAVITAR



OUTLINE



ROCHESTER, NEW YORK

MOTORIZED (ENC) 12X w/ 2 POS LS
(HE)

SIZE

B

1-51335
SHEET 1 OF 1

REV

A