

THIS DRAWING IS THE SOLE PROPERTY OF OEM CONTROLS INC., 10 CONTROLS DRIVE, SHELTON, CT 06484, USA. THIS DOCUMENT CONTAINS OEM PROPRIETARY INFORMATION. WRITTEN PERMISSION TO USE OR DISCLOSE ANY INFORMATION HEREIN MUST BE OBTAINED FROM OEM.

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
H	UPDATED PER ECN #3709	NM*8-25-2020	ASL*8-25-2020

HJS20 X X X X

GATE

ACTUATORS

OUTPUT

MOUNTING

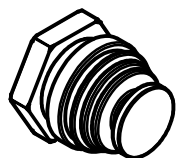
- 1 = SIMULTANEOUS
 2 = CROSS GATE
 3 = SINGLE
 R = ROUND KNOB (STANDARD)
 C = CASTLE KNOB (AA/630)
 1= REFERENCE M DRAWING
 2 = 0.5 to 4.5 VDC SINGLE X + Y
 3 = 0.5 to 4.5 VDC REDUNDANT X + Y
 N = NUT
 D = FLANGE MTG.

4.5V
± 0.1V2.5V
± 0.2V0.5V
± 0.1V

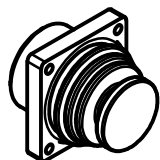
-25° 0° 25°

OUTPUT 1
(SINGLE)OUTPUT 2
(REDUNDANT)

MOUNTING OPTIONS



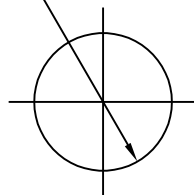
JS20 WITH NUT



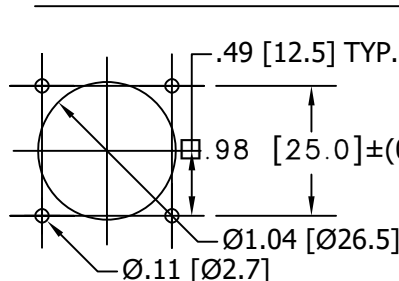
JS20 WITH FLANGE

MOUNTING DIMENSIONS

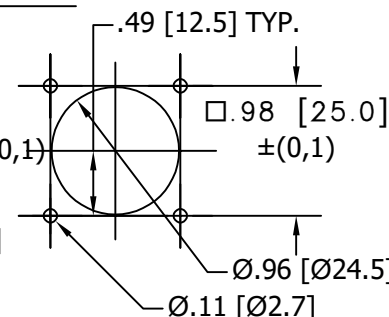
Ø1.04 [Ø26.5]



NUT MOUNTING
 (0.19 [5] THK. PLATE MAX)



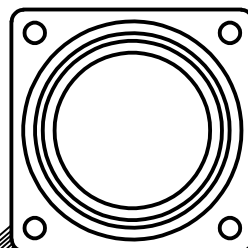
FROM TOP FLANGE MOUNTING
 MAX PLATE THICKNESS: .19 [5]



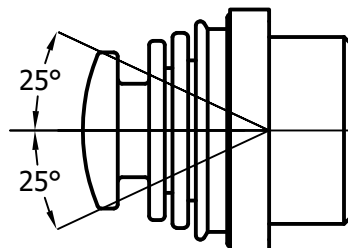
FROM BOTTOM FLANGE MOUNTING
 MAX PLATE THICKNESS: .12 [3]

MOUNTING ORIENTATION

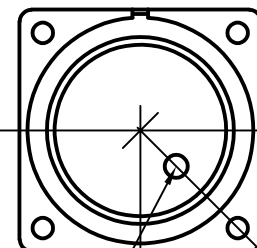
TOP VIEW

WIRE EXIT
LOCATION @ 45°

SIDE VIEW

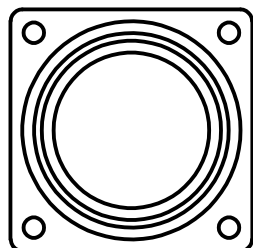


BOTTOM VIEW

WIRE EXIT
LOCATION @ 45°

WIRING DIAGRAM

(+) ← X AXIS → (-)



(+) ↑
 Y AXIS
 ↓ (-)

RED (+5V)
 BLUE (GND)
 BEIGE (+5V)
 WHITE (Y AXIS OUTPUT 1)
 YELLOW (X AXIS OUTPUT 1)
 GREEN (X AXIS OUTPUT 2)
 VIOLET (Y AXIS OUTPUT 2)

MECHANICAL LIFETIME:
 ELECTRICAL LIFETIME:
 TRAVEL ANGLE (EACH DIR.):
 OPERATING FORCE:
 MAX. LOAD:
 OPERATING TEMPERATURE:
 STORAGE TEMPERATURE:
 PROTECTION CLASS:
 SUPPLY VOLTAGE:

5 MILLION CYCLES
 UNLIMITED
 MAX. 25°
 1.6N UP TO 3.5N
 200N
 -40°C TO 60°C
 -50°C TO 80°C
 IP67
 5 VDC STABILIZED

UNLESS OTHERWISE SPECIFIED

TOLERANCE	ANGLES
.X ±.1	X ±1°
.XX ±.01	.X ±.5°
.XXX ±.005	
.XXXX ±.0010	

DIMENSIONAL UNITS: INCHES

UNDIMENSIONED RADII: 0

BREAK ALL SHARP CORNERS,
EDGES & BURRS.DRAWN BY **BPD** DATE **9-3-09**CHECKED **DDO** DATE **0-3-09**

APVD

ENG.

APVD

DESIN

APVD

SALES

PROJECTION: 1

10 Controls Drive - Shelton, CT 06484
 Phone: (203) 929-8431 Fax: (203) 929-3867

HJS20 CONFIGURATION
AND MOUNTING

PART NO.

SCALE 1:1

DWG NO. **A21261**

SHEET 1 of 1

REV. **H**SIZE **A**