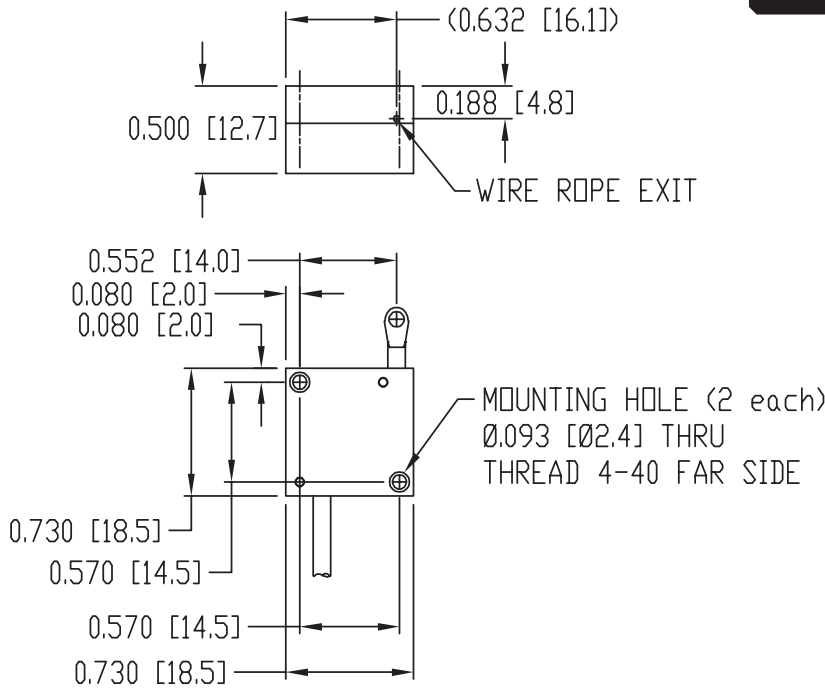


DIMENSIONAL INFORMATION

FIG 1



Dimensions in brackets are millimeters.

SPECIFICATIONS

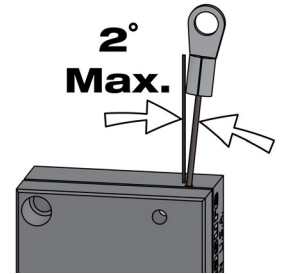
Excitation Voltage	5.00 ± 0.25 VDC
Excitation Current	21 mA Max.
Output Voltage	89% ± 3% of Excitation Voltage
Minimum Load Impedance	30K Ohms
Resolution	0.0016 in (0.04 mm)
Linearity	±1.0% Full Scale
Repeatability	±0.0032 in (0.08 mm)
Dynamic Response	25 Hz over full range extension
Operating Temperature	-40° C to 100° C
Vibration	15 G's 0.1 ms max.
Shock	50 G's 0.1 ms max.

MOUNTING

1 ZX-HM may be mounted using two #2 or two 2 mm screws through transducer, or unit may be mounted with two 4-40 screws that thread directly into the housing. (See FIG. 1)

2 To maximize wire rope life, align transducer with moving element so that wire rope exits perpendicular to axis of wire rope exit hole within 2° (See FIG 2).

FIG 2



WIRE ROPE CONFIGURATION

ZX-HM-1.5-

WIRE ROPE OPTION DESIGNATOR

A EYE FITTING
(See FIG. 3)

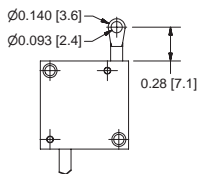


FIG 3

B LEADER WIRE WITH FITTINGS
(See FIG. 4)

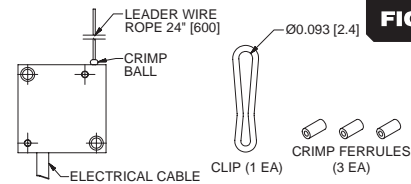
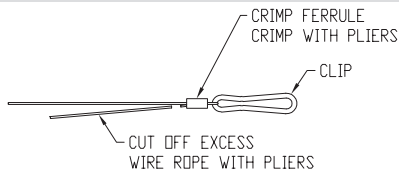


FIG 4

CLIP AND CRIMP FERRULES

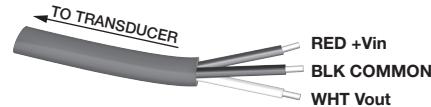


ELECTRICAL CONNECTOR OPTIONS

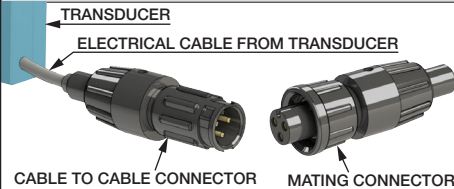
ZX-HM-1.5-

CONNECTOR OPTION DESIGNATOR

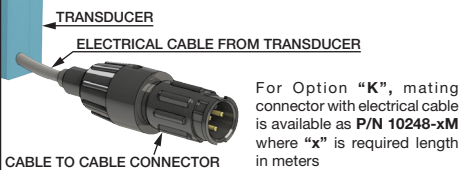
N CONNECTOR OPTION "N":
● NO CONNECTORS INCLUDED



C CONNECTOR OPTION "C" INCLUDES:
● CABLE TO CABLE CONNECTOR
● MATING CONNECTOR



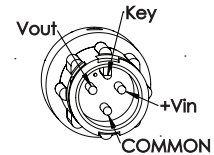
K CONNECTOR OPTION "K" INCLUDES:
● CABLE TO CABLE CONNECTOR ONLY



CABLE TO CABLE CONNECTOR

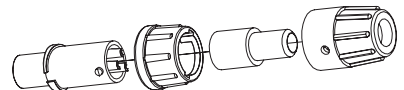
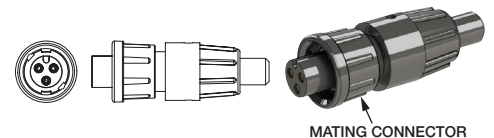
IF ORDERED THIS CONNECTOR IS ATTACHED BY MANUFACTURER

CONNECTION DIAGRAM

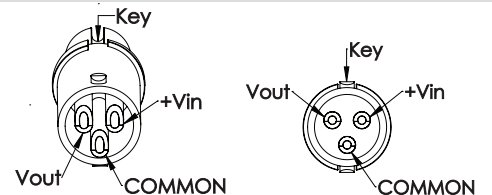


MATING CONNECTOR

THIS CONNECTOR REQUIRES ASSEMBLY



MATING CONNECTOR WIRING DIAGRAM



VIEWED FROM SOLDERING SIDE OF MATING CONNECTOR



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