

11PUP DPVSUFTZ PG #VNJ "SNBEB

Jastram Rudder Angle Indicators

X80 Series

51F 9 4FSJFT 3VEEFS "OHMF *OEJDBUPST BSF
SFRVFTUT PG WFTTFMT PQFSBUPST BOE UP NFF
requirements.

51F 9 *OEJDBUPST DPNF JO TJ[FT UP mU BMM
system up to ve indicators can be used with a mixture of forward and
reverse scale meters.

51F NBJO DPNQPOFOUT JO B +BTUSBN 9 4FSJF
3VEEFS "OHMF *OEJDBUPS T
3VEEFS 'FFECBDL 6OJU 3'6

RAI 3300

The largest of the series is the 3300 overhead three faced panoramic
indicator. These are stand alone systems comprised of three main
components:

1. " UISFF GBDFE QBOPSBNJD 3VEEFS "OHMF *C
2. RAI 3300 power supply
3. Rudder Feedback Unit

Jastram
ENGINEERING LTD.

Engineered For Life At Sea

The X80 Series

t 8IFFMNBSL BOE .&% "QQSPWFE
 t %JNNBCMF CBDLMJU BOBMPH EJTQMBZ
 t %FTJHOFE UP CF nVTI NPVOUFE JOUP
 or console
 t 3FWFSTF TDBMF JOEJDBUPST BSF BWB
 stations
 t *OEJDBUJPO VQ UP EFHSFFT QPSU
 t %SJWF VQ UP mWF JOEJDBUPST GSPN

Rudder Feedback Units for the X80 Series are:

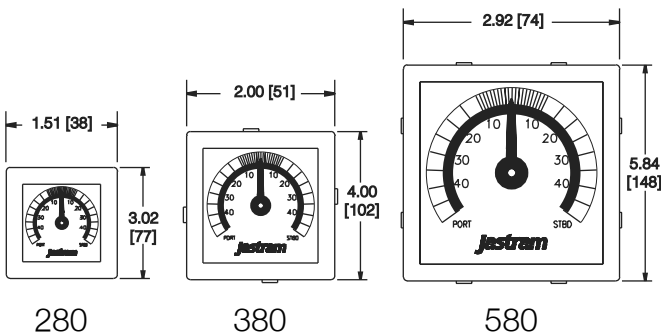
RFU 400 \$PNNFSDJBM QPUFOUJPNFUFS
 RFU 1300)all effect device, driver board and limit
 switches VTFE XJUI DPOUSPM TZTUFN
 RFU 2000 \$PNNFSDJBM QPUFOUJPNFUFS
 limit switches VTFE XJUI DPOUSPM TZTUFN

IP Ratings:

t 9 T BSF SBUFE GPS *1 QSPUFDUJPO UP UIF GBDF
 t 0QUJPOBM TFBM LJUT BWBMBJCMF GPS *1 QSPUFDUJPO UP
 UIF GBDF
 t 0QUJPOBM #VMLIFBE .PVOU WFSTJPO BWBMBJCMF
 GPS *1 UP UIF XIPMF JOEJDBUPS

X80 Signal Inputs:	0 Volts at 0 Degrees
	±1 Volts at ±50 Degrees
	1 kΩ input resistance
Power Supply:	24VDC, Max 150 mA
Cable:	18 AWG, 4 wire, shielded

X80 Models & OADs

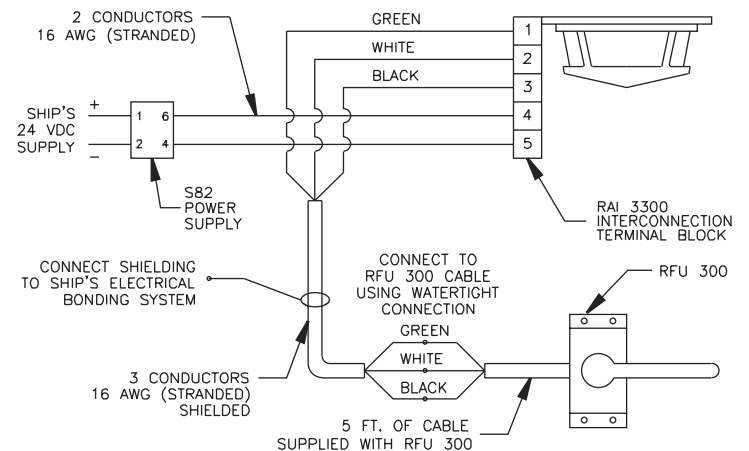
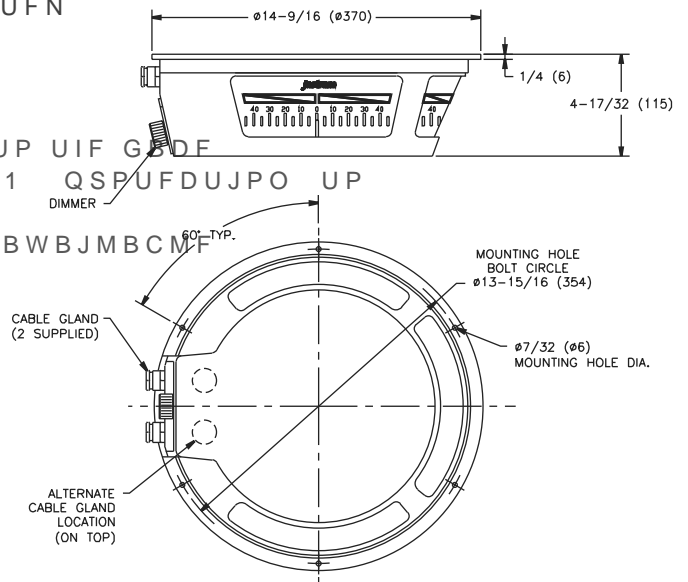


The RAI 3300

t "DDVSBUFMZ TIPXT UIF QPTJUIPO PG UIF SV
 analog displays
 t %FDLIFBE NPVOUFE BU BOZ DPOWFOJFOU M
 *OQVU WPMUBHF PG 7%\$ BOE PVUQVU
 *OQVU WPMUBHF PG 7"\$ BOE PVUQVU
 "8(XJSF TIJFME

Rudder Feedback Units for the RAI 3300 are:

RFU 2000 \$PNNFSDJBM QPUFOUJPNFUFS ESJW
 limit switches VTFE XJUI DPOUSPM TZTUFN



Data is subject to change without notice.