

BALOGH



BIBS-70/** INTERBUS-S® Interface

RFID InterBus-S Interface

Industrial Product Range



Key For Tag Suffix

Suffix	Tag Series Description
X	OMX High Speed Industrial R/W Tag Series
E	GIE Industrial R/W Enhanced Speed Tag Series
A	OMA Industrial R/W Tag Series
F	OF Read-Only 7 Byte Industrial Tag Series
L	OLR Long Range 2 Byte Read-Only Industrial Tag
P	OP Light Industrial R/W Tag Series
FC	TAF High Speed R/W Light Industrial Tag Series
IC	TAI Light Industrial R/W Tag Series

Ordering Information

When assembling your part number, please include the corresponding tag suffix.

Example: BIBS/XX. - OMX High Speed Industrial R/W Tag Series. (Cables and Connectors Sold Separately)

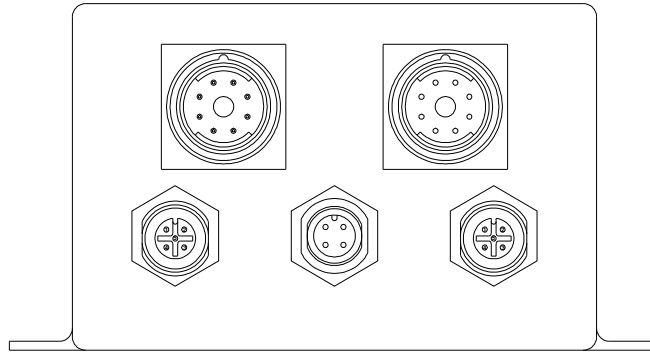
Characteristics

The BIBS-70 is an Interbus-S® Network compatible interface. It has an Identification Code of 241 and configured as an I/O module on the Remote Bus of the Interbus-S® Network. The BIBS-70 communicates at 500K baud with quick connectors that make wiring easier and reduces the cost of installation. Communications is managed by a master (PC or PLC), and requires an Interbus-S® host controller board. The BIBS-70 uses the I/O channel to give status for both channels to the supervisor (16 bits) and the PCP channel to communicate data, requests, and commands.

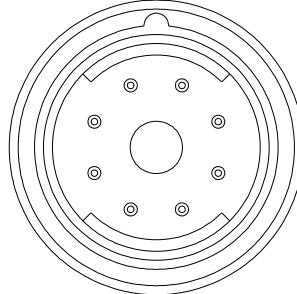
Features:

- Automatic Self Test on Power up
- Status LED's
- 500K Data transfer rate
- InterBus-S Command Set

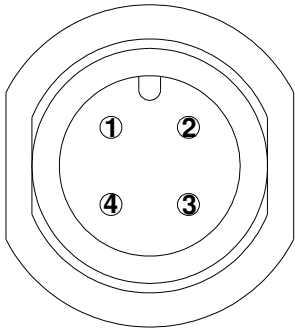
Installation Information/Cable Pin Outs



COLOR CODE REFERS TO ONLY BALOGH CABLING

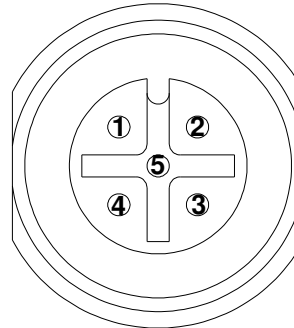


InterBus-S®



- 1 - +24VDC POWER (BROWN-V)
- 2 - NOT USED
- 3 - NOT USED
- 4 - 0VDC (BLACK-O)

Power: 24 VDC



- 1 - +24VDC POWER (BROWN-V)
- 2 - INPUT (WHITE-S)
- 3 - OUTPUT (BLUE-E)
- 4 - 0VDC (BLACK-O)
- 5 - SHIELD

Transceiver Channel 1&2

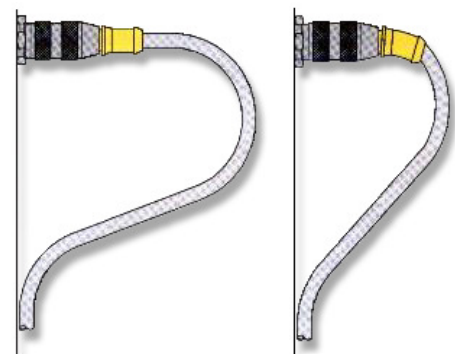
Cabling And Accessories (SOLD SEPERATELY)

Network Cable – CONTACT A InterBus-S® CABLE PROVIDER

Transceiver Cable – MF/EXT/** (LENGTHS ARE IN METERS)
Standard Cable Lengths are 2, 5, 10, 15, 20, 25, 30, 35m

** Indicates Cable Length Please Contact Balogh for other cable lengths.

Only Hand Tighten Cables
Correct **Incorrect**



Bend radius 3 x cable diameter

Technical Information

- 2 Transceiver Channels
- In/Out InterBus-S[®] Connectors
- Operating Temperature 0° to 50° C
- Requires Regulated 24 VDC (Ripple, 2%)
- Consumes 130mA of power (without transceivers) 430mA (w/ 2 Transceivers)

Status LED's										
BUS STATUS					TR # 1 Status			TR 2 Status		
24 VDC	Remote Bus Check	Bus Active (BA)	Transmit (TR)	Receive (RD)	Comm. In Progress	TAG Presence	TR/TAG Error	Comm. In Progress	TAG Presence	TR/TAG Error
LED 1	LED 2	LED 3	LED 4	LED 5	LED 6	LED 7	LED 8	LED 9	LED 10	LED 11

Dimensional Drawing

