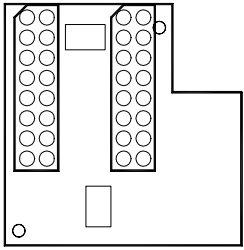
DATALOGIC
Bar Code & More

INT-26
Optional Interface Board

Installation Instructions

Description

The INT-26 accessory for DS6100-3XXX models is an optional interface board which provides 20 mA C.L. communications.



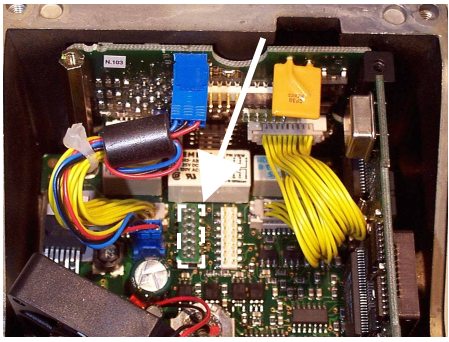
INT-26 General View

Installation

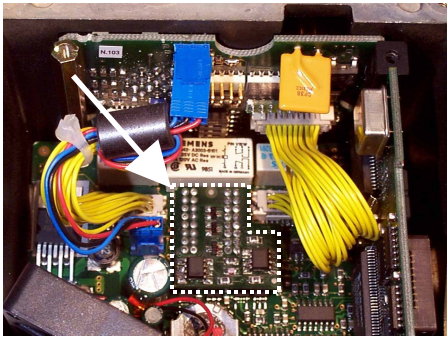
1. Open the scanner by unscrewing the 4 cover screws.

2. Detach the display by unscrewing the fixing screws.

Remove the interface jumper indicated by the arrow.



3. Install the INT-26 board on the connectors provided as shown in the following photo.



4. Mount the display board and screw the scanner's cover back into place.

Pinout

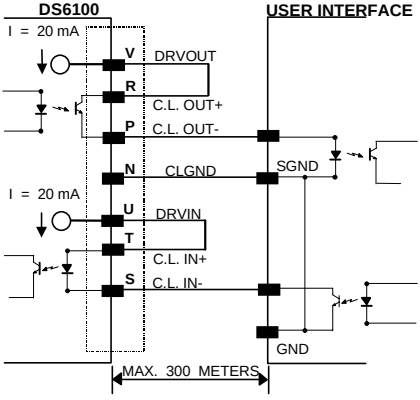
20 mA C.L. Active Connections

The following pins of the 19 pin output connector of the scanner are used for active connections:

Pin	Name	Function
U	DRVIN	input current generator
V	DRVOUT	output current generator
N	CL GND	generator reference
R	CLOUT+	Current Loop output (+)
P	CLOUT-	Current Loop output (-)
T	CLIN+	Current Loop input (+)
S	CLIN-	Current Loop input (-)

The following pins of the JBox connector are used for active connections:

Pin	Name	Function
24,29	CL OUT+	Current Loop output (+)
25,30	CL OUT-	Current Loop output (-)
26,31	DRVOUT	output current generator
27	DRVIN	input current generator
28	CL GND	generator reference
32	CL IN+	Current Loop input (+)
33	CL IN-	Current Loop input (-)



20 mA active C.L. connections

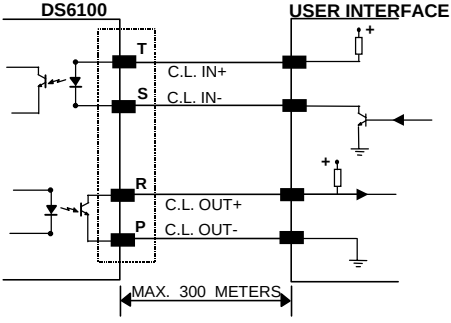
20 mA C.L. Passive Connections

The following pins of the 19 pin output connector of the scanner are used for passive connections:

Pin	Name	Function
R	CLOUT+	Current Loop output (+)
P	CLOUT-	Current Loop output (-)
T	CLIN+	Current Loop input (+)
S	CLIN-	Current Loop input (-)

The following pins of the JBox connector are used for passive connections:

Pin	Name	Function
24,29	CL OUT+	Current Loop output (+)
25,30	CL OUT-	Current Loop output (-)
32	CL IN+	Current Loop input (+)
33	CL IN-	Current Loop input (-)



20 mA passive C.L. connections

Refer to the DS6100 Installation Manual and to the WinHost Help On Line for further details.