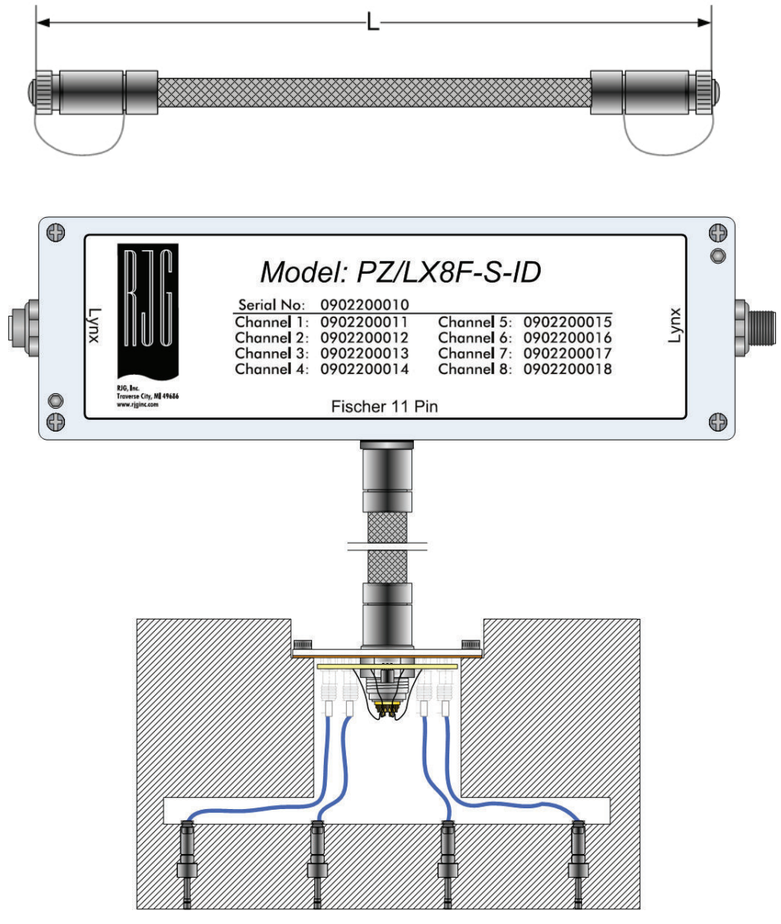
Cable Specification	
Connectors	Fischer 11 Pin Male w/caps
Shielding	Double Braided Shield
2 Meter Part Number	C-PZ/LX8F-S-2m
1 Meter Part Number	C-PZ/LX8F-S-1m



For further Information please contact RJG Customer Support at 231-947-3111 ext. 170 or visit our website at: http://rjginc.com/resource_product.html to obtain detailed manuals

Lynx Eight Channel Piezo Adapter with ID Capability

PZ/LX8F-S-ID

Selection & Installation Guide

GENERAL DESCRIPTION

The Lynx Eight Channel Piezo Adapter with ID Capability provides a convenient, simple interface to Fischer connector based eight channel piezo systems. The device accepts inputs from any piezo sensor. This device will identify the mold when used with an RJG PZ-8 Eight Channel Piezo Connector with ID Capability.

Technical Specifications	
Channels	8 Piezo Channels 1 Mold Identification Channel
Piezo Input Connector	Fischer 11 Pin w/cap
Range	0 - 20000 pC
Accuracy	±1%
Max. Temp. (Operating)	140° F

***Table 1**: Technical Specifications*

HARDWARE INSTALLATION

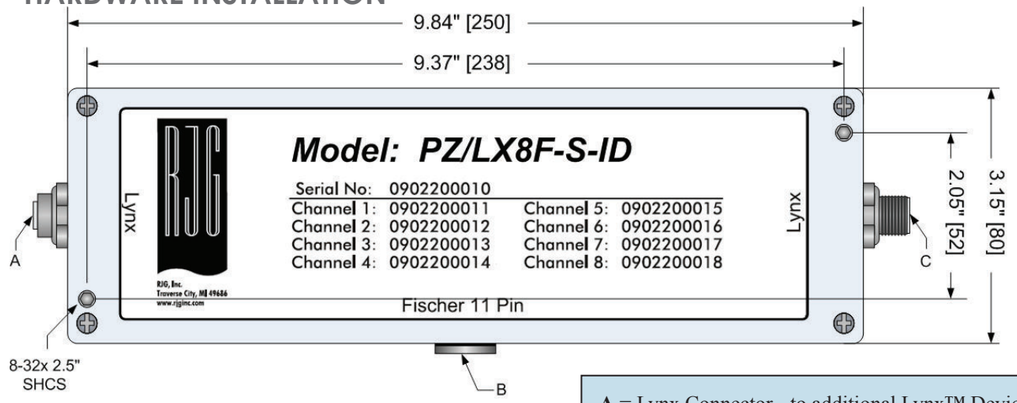


***Figure 1**: Piezo Adapter Dimensions*

A = Lynx Connector - to additional Lynx™ Devices
B = 11 Pin Fischer Piezo Input Connector
C = Lynx Connector - to *eDART™*

NOTES: *The Lynx Piezo Adapter must be mounted on a frame grounded structure (such as a mold in the press or platen) or control panel to ensure proper operation.*

Make sure that the Ground Potential of the mold is the same as the Ground used by the eDART™. (This can be done by using a multimeter to measure the DC and AC voltage difference between these two locations.)

Make sure that the Lynx Piezo Adapter and any connecting cables are out of the way of any sources of static such as feeder tubes and material hoppers.

IMPORTANT NOTE

In order to properly zero piezoelectric sensors, the PZ/LX8F-S-ID requires a signal from either an ID7-D-SEQ Lynx 7-channel Sequence Input Module or an L-LS Lynx Mold-Closed Limit Switch. The ID7-D-SEQ or L-LS requires one of the signals listed in Table 2. Figure 2 below shows an example of the Mold Clamped signal being supplied to an ID7-D-SEQ.

NOTE: *In order to properly zero, you should not see any cavity pressure within 1/10 of a second after the 'on -> off' or 'off -> on' change.*

	Signal	Change
Sequence Module Input	Mold Opening	On -> Off
	Mold Closing	On -> Off
	Mold Fully Open	On -> Off
	Mold Clamped	Off -> On
	Injection Forward	Off -> On
Limit Switch	Mold Fully Open	On -> Off
	Mold Clamped	Off -> On

***Table 2**: Available Signals*

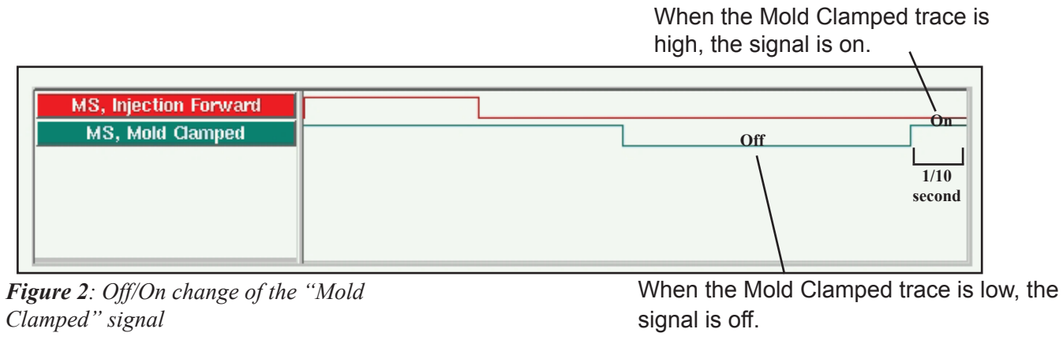


***Figure 2**: Off/On change of the "Mold Clamped" signal*

SOFTWARE SETUP

Initial setup in the *eDART*™ software is required when a Lynx Eight Channel Piezo Adapter is first connected to an *eDART*™. After starting a job, the Sensor Locations tool will appear.

Each channel will show up as a separate Piezo adapter. Refer to the label on the device for the serial numbers. In sensor locations, the last number of the serial number (before the ":1") indicates the channel number (see below).

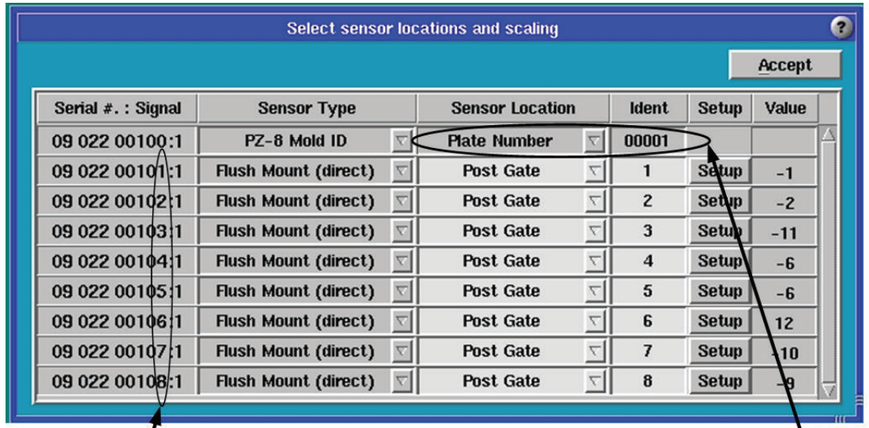


***Figure 3**: Initial Sensor Locations*

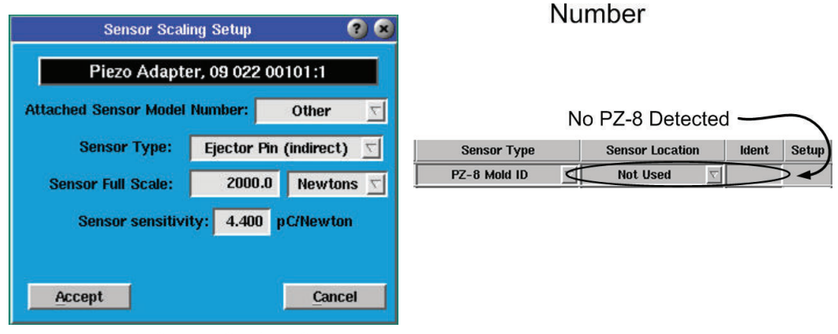


***Figure 4**: Sensor Scaling Setup*

From the setup menu, select the sensor model that is attached to the Piezo adapter. The Sensor Type and Full Scale will automatically be displayed. A default sensitivity will appear. If desired, you may enter the sensor's specific sensitivity. Please see the calibration certification for that sensor. Enter that number on the Sensor Scaling Setup screen. Click the *Accept* button.

Once the sensor type has been set up, select the correct Sensor Location from the pull-down menu. Enter a cavity number or name in the Identifier field if you have two or more sensors set to the same location (in multi-cavity applications). When finished, click the *Accept* button.

If the Lynx Four Channel Piezo Adapter is attached to a RJG PZ-8 it will recognize the PZ-8's unique plate number. The next time this plate is attached, the current mold information will automatically be selected.

NOTE: *Non-standard devices are configured by choosing the "Other" sensor type and entering the sensor sensitivity and full scale as necessary.*

NOTE: *If no sensors are connected to a channel of the Eight Channel Piezo Adapter, simply choose the "Not Used" sensor location in the Sensor Locations tool.*