



LYNX™ STANDARD SENSOR ADAPTER
SG/LX1-S



The Lynx™ Standard Sensor Adapter SG/LX1-S is a mold- or platen-mountable strain gage sensor input adapter designed to be used with the eDART® or CoPilot® system. This module can be used to monitor mold pressure, hydraulic sensors, or strain gage-style sensors. The sensor adapter can be interfaced with other manufacturers' sensor provided that the full scale sensitivity does not exceed 2 mV/V.

TECHNICAL SPECIFICATIONS

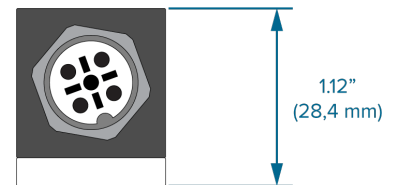
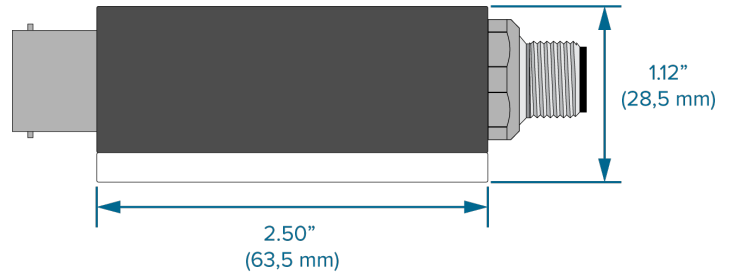
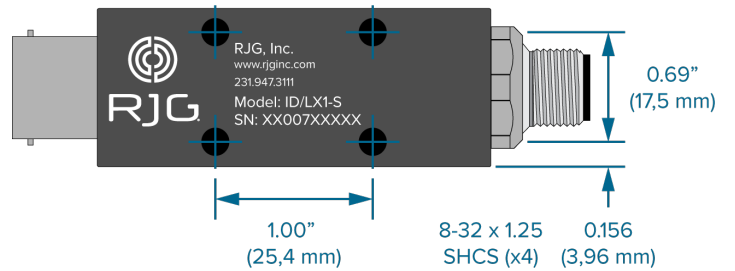
POWER

Supply from eDART	12 V DC
Current Draw	45 mA
Supplied Excitation Voltage	5.00 V
MAX. Differential Input Voltage	10.00 mV

ADAPTER CONNECTORS

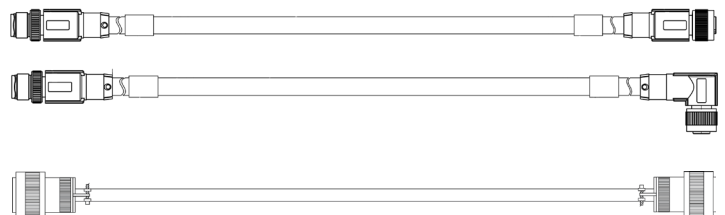
eDART or CoPilot Connection	Lynx Connector for CE-LX5 cable
Sensor connection	6-Pin Bendix for T-510/20/30 cable

PRODUCT DIMENSIONS



COMPATIBLE CABLES

CE-LX5	12, 40, 79, 158, 236, 472'
	(0,3, 1,0, 2,0, 4,0, 12,0 m)
T-510, T-520, T-530	10, 20, 30'
	(3,0, 6,1, 9,1 m)



CABLE ORDERING LENGTH

INSTALLATION

The sensor adapter is designed to be mounted on the moving or stationary mold half or other location on the molding machine. Once mounted, the SG/LX1-S is supplied power and communications through the Lynx™ connector from the eDART System.

- 1 Mold, Pressure, or Strain Gage Sensor
- 2 T-510/20/30—Lynx™ Male/Male Analog Sensor Patch Cord Cable
- 3 SG/LX1-S—Lynx Mold Identifier
- 4 CE-LX5—Lynx Cable
- 5 eDART or CoPilot System

BENDIX PIN	FUNCTION
A	+ Excitation
B	- Excitation
C	+ Signal
D	- Signal
E	Shield
F	N/A

CAUTION Do not mount mold identifier on the ejector plate. Failure to comply will result in damage or destruction of equipment.

