Lynx™ Hydraulic Pressure Sensor - LS-H-1/4NPT-3K

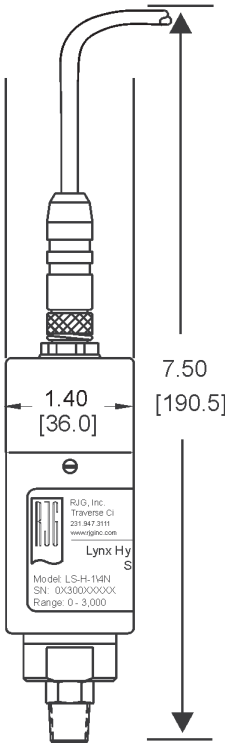
The Lynx™ LS-H-1/4NPT-3K is a machine mount hydraulic pressure sensor designed to be used with the *eDART*® System.

Always power down before working on any equipment

LS-H-1/4NPT-3K Installation

The LS-H-1/4NPT-3K is outfitted with a 1/4 BSPT male adapter to 1/4NPT female fitting that is attached to the machine's hydraulic system. This will be able to access the injection pressure and back pressures which build at the cylinder of the ram. The male fitting, which attaches to the hydraulic system, is shipped with 1/4" threads.

Once the LS-H-1/4NPT-3K is attached to the hydraulic system, it can be attached to the *eDART*® using standard Lynx™ cabling.



Technical Specifications	
Pressure Range	3000 PSI (4500 PSI)
Maximum Temperature	140 °F
Thread Type	1/4 NPT
Accuracy	1% Full Scale
Standard Connector	Microstyle DC Receptacle

Lynx™ Hydraulic Pressure technical specifications

Figure 22: Lynx™ Hydraulic Pressure dimensional drawing

Common Adapters

Conversion Adapter - BSPT to NPTF - F3HG
Male BSPT / Female NPTF

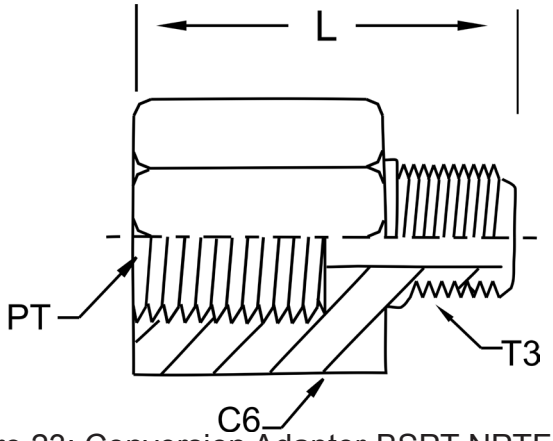


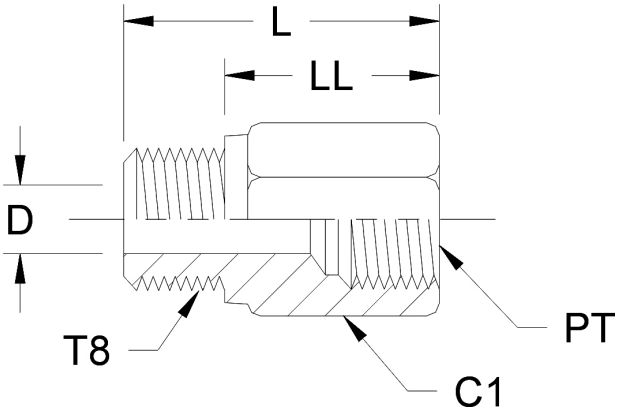
Figure 23: Conversion Adapter-BSPT NPTF dimension drawing

Technical Specifications					
Tube Fitting Part #	PT Female NPT	T3 Male BSPT	C6 HEX (inch)	L (mm)	Standard material from stock S SS B
1/4x1/4F3HG	1/4	1/4	3/4	34	*

Conversion Adapter - BSPT to NPTF technical specifications

Conversion Adapter - Metric to NPTF - F80HG

Male Metric / Female Pipe thread
F80HG - Assembled with O ring and retaining ring



NOTE

For information on the adapters used with the *eDART®* System please contact:
Parker Hannifin Corporation
Tube Fitting Division
(614) 279-7070 or
www.parker.com.

Conversion Adapter - metric to NPTF technical specifications

Technical Specifications							
Tube Fitting Part #	PT Female NPTF	T8 Port THD Metric STR	C1 HEX (inch)	D Drill (inch)	L (inch)	LL (inch)	Standard material from stock S SS B
M12-1/4F8OHG	1/4-18	M12 x 1.5	3/4	.196	1.24	0.85	*
M14-1/4F8OHG	1/4-18	M14 x 1.5	3/4	.281	1.24	0.85	*

Figure 24: Conversion Adapter - Metric to NPTF dimensional drawing