FLUKE®
Calibration

Q-RPT Replacement Kit

Instruction sheet

This kit includes a replacement Pressure Transducer calibrated to a specific range and class. The kit also contains the following components:

DESCRIPTION	QTY	PART NO.
Crimp terminal	*10*	*2207416*
Crimp terminal	*10*	*3154579*
Crimp terminal	*2*	*3154472*
Crimp terminal	*10*	*3154485*
Connector	*1*	*2194502*
Connector	*1*	*3140008*
Connector	*1*	*1812216*
Connector	*1*	*3141826*
Connector	*1*	*3141173*
CRIMP TOOLS	**(Shown for reference only. Not supplied with kit.)**	
PRODUCT	*Molex TOOL NO.*	
PPC4	*63819-0500*	
PPCH and PPCH-G	*63819-0000*	
RPM3, molbox, RPM4, PPC3	*63811-8200*	

Introduction

Only DHI or DHI Authorized Service Providers are authorized to install replacement Q-RPTs. Replacement or installation by other parties will void the warranty of the Q-RPT and possibly the equipment into which it is installed. Measurement and/or control specifications are also valid only under these conditions.

Q-RPTs are used in a variety of DHI Controllers, Monitors and Flow Terminals. Different crimps, connectors and associated crimp tools are used with different models. The pages that follow show the crimps, connectors and crimp tool required for each equipment type. Refer to the wiring diagrams on the following sheets and to the detailed instructions included with Molex hand crimp tools, to install crimps onto wires. Molex crimp tool instruction sheets are also available on the Molex website at www.molex.com.

http://www.molex.com/pdm_docs/ats/ATS-638190500.pdf

http://www.molex.com/pdm_docs/ats/ATS-638190000.pdf

http://www.molex.com/pdm_docs/ats/ATS-638118200.pdf

The Molex Quality Crimping Handbook 63800-0029 is also available on Molex website and is a good reference.

http://www.molex.com/pdm_docs/ats/TM-638000029.pdf

Note

DDS NOTE: Some Paroscientific Pressure Transducers include a separate wire bundle used for DIGIQUARTZ DATA STORAGE (DDS). The bundle includes a White/Violet, White/Brown and in some cases a Yellow wire. The DDS wires are utilized only on PPCH, PPCH-G, and PPC4 products. For all other DHI products do not disturb the DDS bundle. Leave it coiled with the wire ends sealed as supplied by Paroscientific.

Wire Lengths: *Specific wire lengths have been intentionally omitted from these instructions. Preferred method is to measure the wire length on the existing Transducer being replaced and cut the wire lengths on the replacement Transducer to same length.*

Q-RPT must be calibrated after installation.

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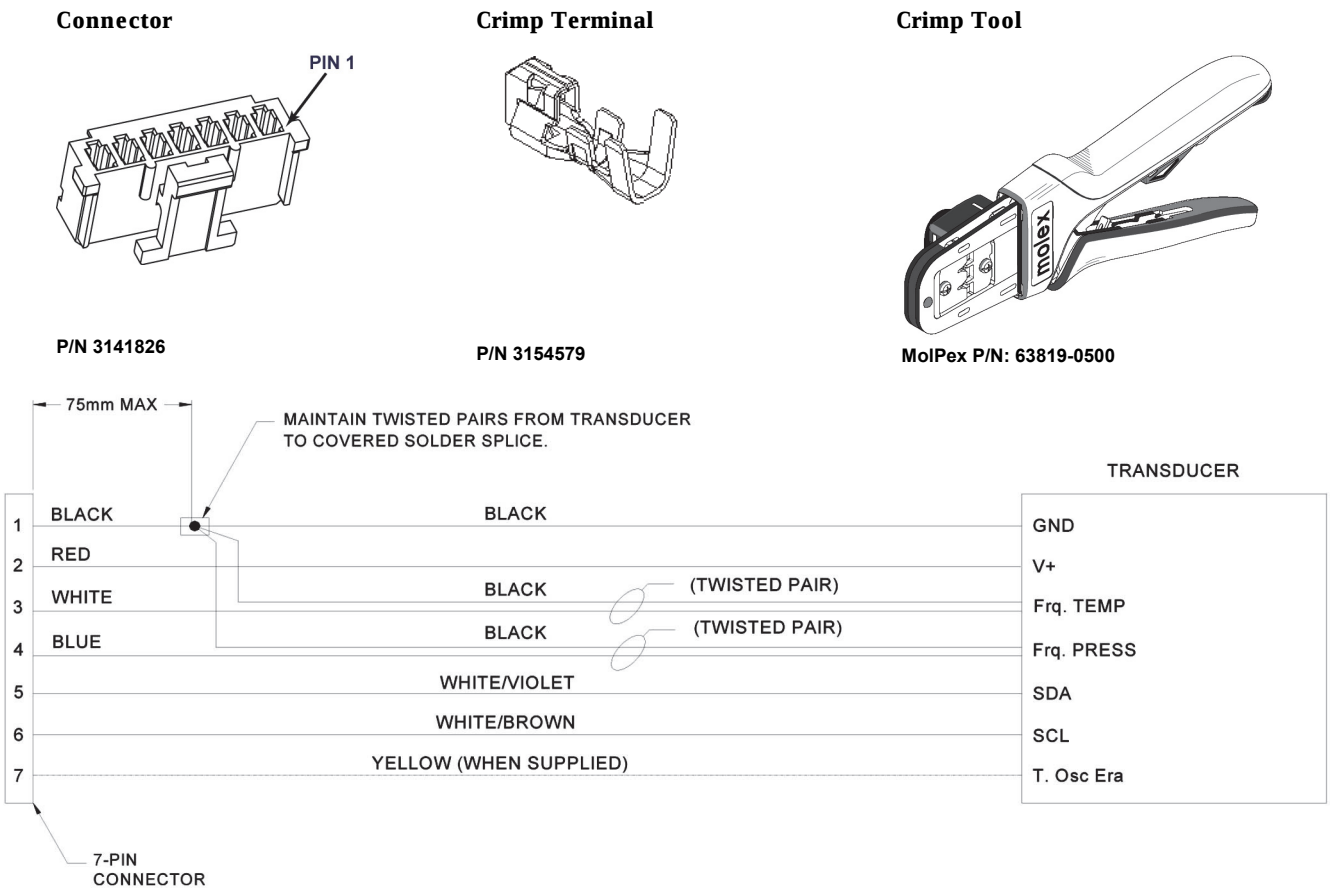


Figure 1: *PPC4 Components and Transducer Wiring Diagram*

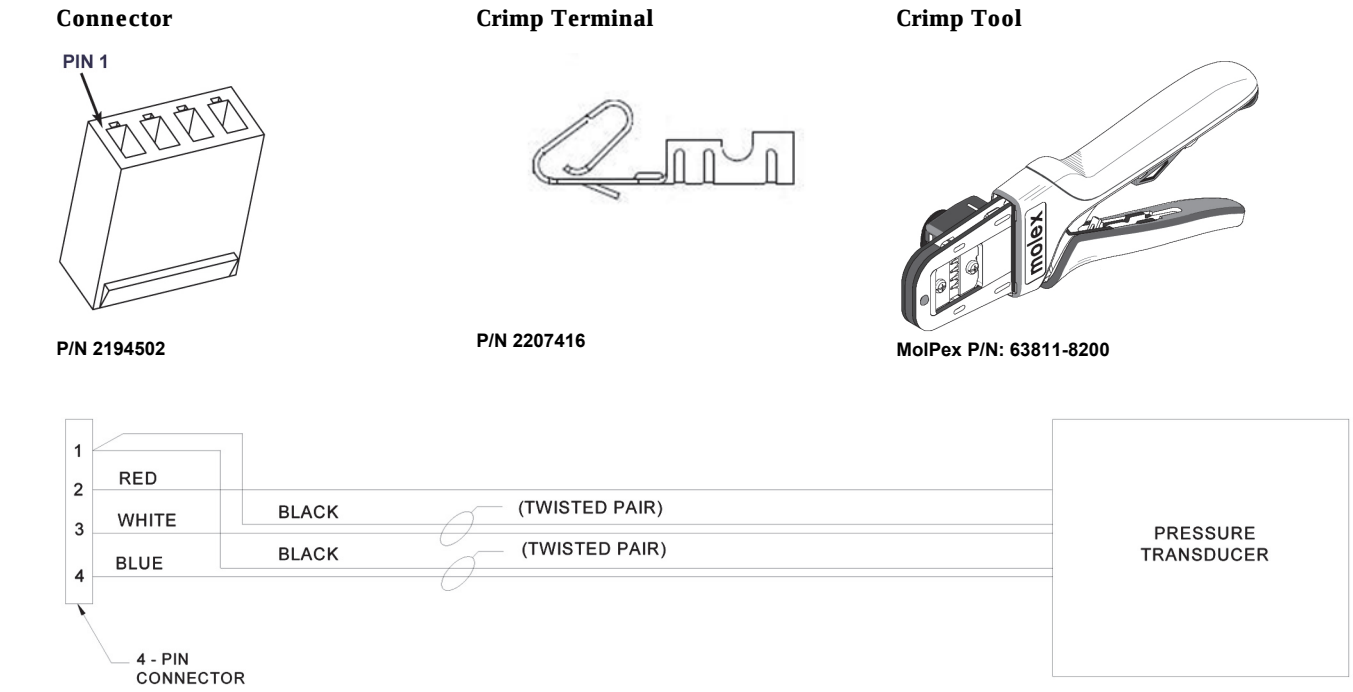


Figure 2: *RPM3 Components and Transducer Wiring Diagram*

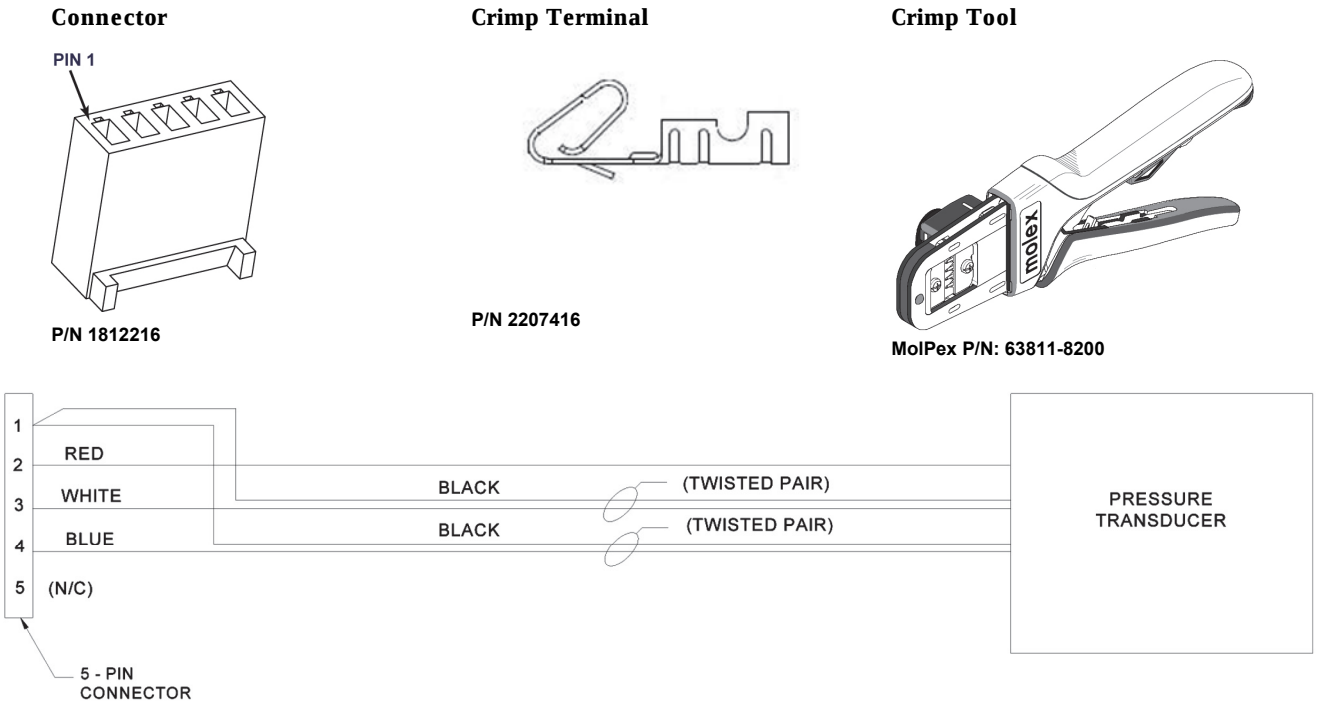


Figure 3: *molbox1 and molbox1+ Components and Transducer Wiring Diagram*

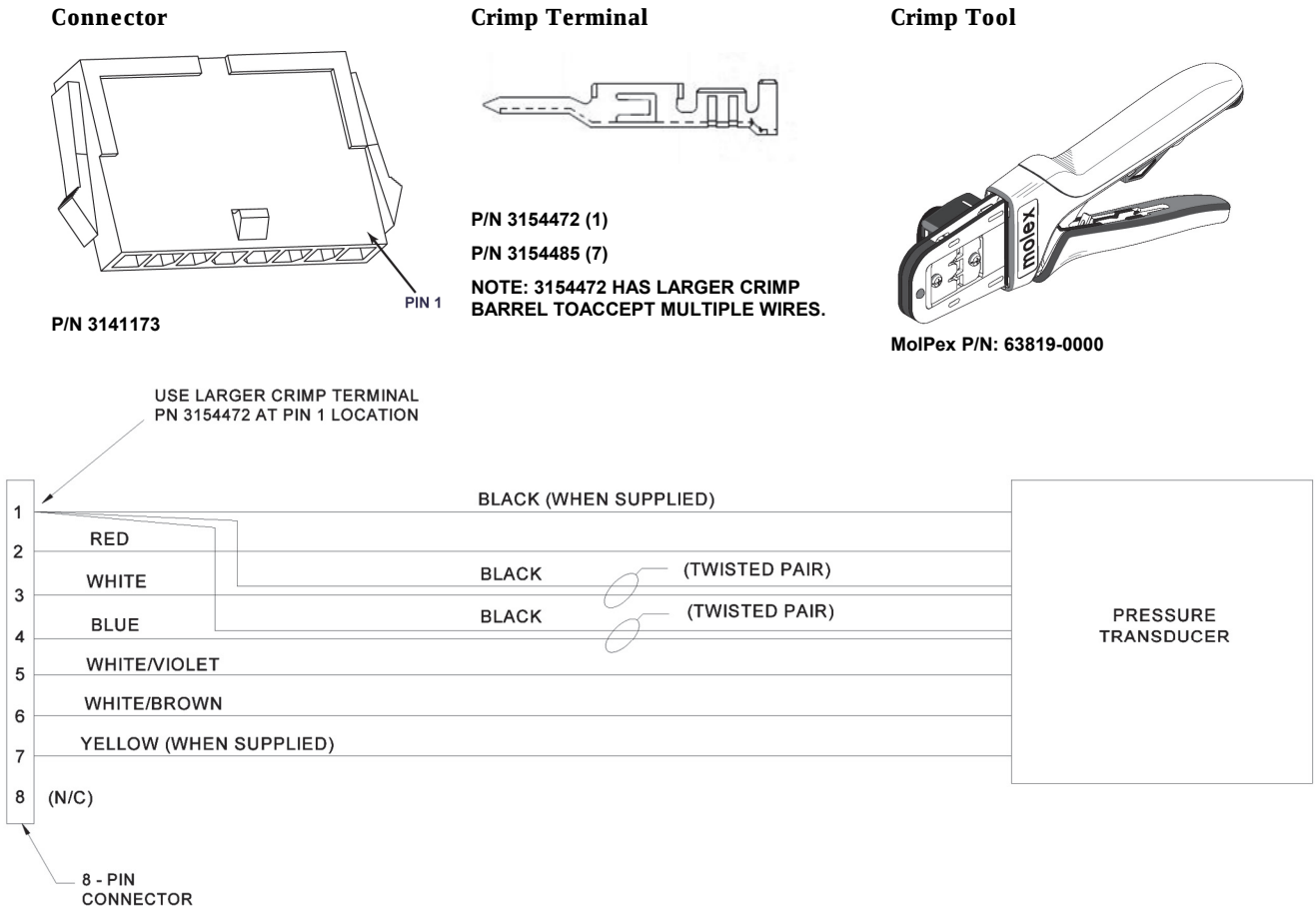
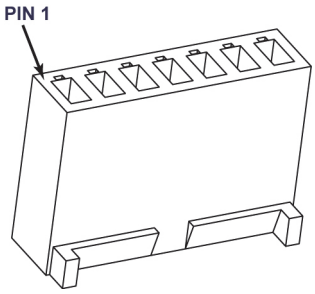


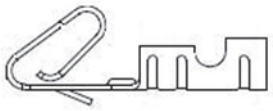
Figure 4: *PPCH and PPCH-G Components and Transducer Wiring Diagram*

Connector



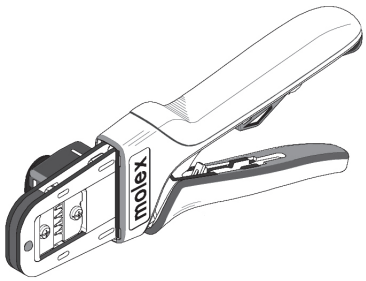
P/N 3140008

Crimp Terminal



P/N 2207416

Crimp Tool



MolPex P/N: 63811-8200

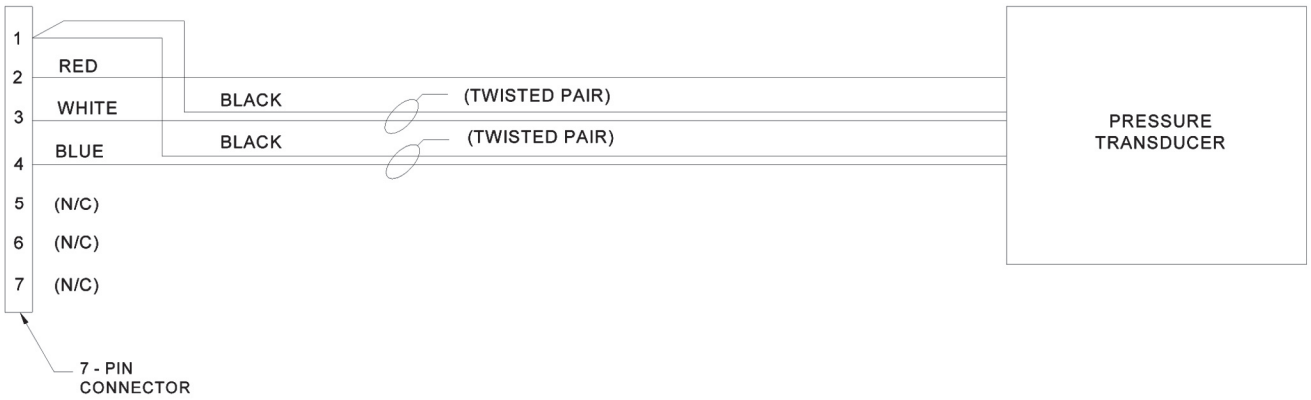


Figure 5: *RPM4 and PPC3 Components and Transducer Wiring Diagram*