

## **icount PD Installation Check List**

- Installation Accessories Supplied by Parker or Alternate Source
- Some Installations may not Require all Parts
- Determine Power Supply Requirements
- Determine Appropriate Cable Termination
- Determine Fluid Connection Requirements
- Fluid Connectors need Mating Hoses
- Determine Length of Hose
- Determine Flow Control Requirements
- Determine Electrical Cable Requirements
- Select a Pressure Compensated Flow Control Device for Cyclical System
- Insure Constant Delta P for Steady State System

Each icountPD needs the quantity of items listed in **bold print** on page 2



Parker Hannifin Corporation  
**Hydraulic Filter Division**  
16810 Fulton County Road #2  
Metamora, OH 43540-9714  
Phone: (419) 644-4311  
Toll Free: (800) 253-1258  
Fax: (419) 644-6205  
<http://www.parker.com/hydraulicfilter>

Quantity	Description	Part Number
1	<b>Power Supply (9-40VDC regulated)</b> <ul style="list-style-type: none"> <li>- Supplied by Parker HFD</li> <li>- Supplied by customer's system</li> <li>- UK Plug</li> </ul>	ACC6NN013
	<ul style="list-style-type: none"> <li>- US plug</li> </ul>	ACC6NE010
2	<b>Connecting Cables: 1 w/male, 1 w/female (part # specific)</b> <ul style="list-style-type: none"> <li>- Parker HFD 5M long M12 cable kit</li> <li>- Brad Harrison 8-way female M12, 2M long cable</li> <li>- Brad Harrison 8-way male M12, 2M long cable</li> <li>- Turck 8-way female M12</li> <li>- Turck 8-way male M12</li> <li>- Deutsch kit also available</li> </ul>	ACC6NN014 808000P02M020 808006P02M020 RKS 8T-* RSS 8T-* ACC6NN016
2	<b>Fluid Connecting Hoses</b> <ul style="list-style-type: none"> <li>- Mineral &amp; petroleum based fluids <ul style="list-style-type: none"> <li>- Parker HFD (1M long fluid hose)</li> <li>- Parker HFD (2M long fluid hose)</li> <li>- Parker HFD (5M long fluid hose)</li> <li>- Parker Quick Couplings Division (xxxx = desired hose length)</li> </ul> </li> <li>- Aggressive Fluids (requires 5/8" BSF female both ends) <ul style="list-style-type: none"> <li>- Dynamics Fluid Components Inc (xx = length in inches)</li> <li>- Parker HFD <ul style="list-style-type: none"> <li>- 5/8" BSF (1M long fluid hose)</li> <li>- 5/8" BSF (2M long fluid hose)</li> <li>- 5/8" BSF (5M long fluid hose)</li> </ul> </li> </ul> </li> </ul>	ACC6NN001 ACC6NN003 ACC6NN005 SMA3-xxxx DHA-FTP-xx-FTP ACC6NN002 ACC6NN004 ACC6NN006
Depends	<b>Electrical Connectors</b> <ul style="list-style-type: none"> <li>- PD cable is unterminated at the opposite end and requires the customer to add their connectors.</li> <li>- Type of connector depends on customer's installation and output requirements.</li> </ul>	
1	<b>Flow Control Device</b> <ul style="list-style-type: none"> <li>- Supplied by Parker HFD - minimum of 30PSI</li> <li>- Pressure Compensated - minimum of 150 PSI</li> <li>- Instrument grade needle valve can be used only if pressure is steady</li> </ul>	S840074 ACC6NN019
2	<b>Test Fittings</b> <ul style="list-style-type: none"> <li>- Required if customer not using System 20 sensor</li> <li>- Mineral &amp; petroleum based fluids <ul style="list-style-type: none"> <li>- Parker Quick Coupling Division supplies (xxxx = thread form)</li> <li>- Stauff Series 20 test fittings (xx = thread form)</li> <li>- Parker HFD EMA3 fittings (from Diagnostic Coupling Division) <ul style="list-style-type: none"> <li>- 1/8" NPT x M16 thread</li> <li>- 1/4" NPT x M16 thread</li> <li>- 1/8" BSP x M16 thread</li> <li>- 1/2"-20 'O' ring seal</li> </ul> </li> </ul> </li> <li>- Aggressive Fluids <ul style="list-style-type: none"> <li>- 1/4" BSP x 5/8" BSF thread for Skydrol IPD</li> <li>- 1/8" BSP x 5/8" BSF thread for Skydrol IPD</li> </ul> </li> </ul>	EMA3-xxxx TCM 20 - xx ACC6NN011 P.753512 ACC6NN009 P.553512 ACC6NN008 ACC6NN010