

Parker Product Datasheet



Parker's diagnostic quick couplers and test point nipples provide easy connections for mechanical gauges or specialized diagnostic equipment including Parker's SensoControl meters and accessories.

PART NUMBER: PDP242
CONNECTION TYPE: Female NPTF
COUPLING HALF: Female Coupler
CONNECTION THREAD SIZE (INCH): 1/4 - 18
TUBE SIZE (INCH): na

PRODUCT OVERVIEW

PDP Series Couplers (diagnostic test port connectors) 6,000 psi, connect with PDP Series Nipples. These push to connect quick couplings provide easy connection for mechanical gauges or specialized diagnostic equipment including SensoControl meters and accessories. PDP Couplers allow test instruments, gauges, transducers, and flow sensors to be quickly and easily connected to system test points under full operating pressures up to 6000 psi.

PDP couplers and nipples push to connect, and then the coupler base is manually turned to open the nipple valve and complete the connection. When fully connected, the coupler base blocks the retracted sleeve to prevent accidental disconnects. PDP Nipples can be permanently mounted on equipment at critical test point locations, at threaded test ports, in rigid tubing or in hose assemblies. Couplers and nipples are available in 1/8" size with a rated pressure of 6,000 psi.

Technical Characteristics:

- Sizes: 1/8"
- Material: Steel

- Port Ends: Female NPTF
- Seal Options: Nitrile, Ethylene Propylene, Fluorcarbon, Neoprene

Markets:

- Industrial
- Construction
- Molding
- Testing
- Maintenance and Repair, MRO

Features/Benefits:

- Easy push to connect operation, with a force of six pounds to connect at full system pressures up to 6000 psi
- Coupler is unvalved to allow gauges and transducers to return to zero when disconnected
- When fully connected, the sleeve is unable to be retracted, thus preventing accidental disconnection
- Compatible with Parker's SensoControl diagnostic equipment
- Suitable for use with hydraulic or pneumatic systems

Applications:

- Mobile equipment
- Cooling systems
- Industrial hydraulic systems
- Fluid or air system maintenance and troubleshooting
- System performance optimization
- System validation

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	250 °F
DIVISION	Quick Coupling Division
MAXIMUM OPERATING PRESSURE	6000 psi
MINIMUM OPERATING TEMPERATURE	-40 °F
APPLICATION	Diagnostic

BODY MATERIAL	Steel
PRODUCT TYPE	Push to connect
PLATING TYPE	Zinc with clear trivalent chromate
HEX SIZE	0.81 inch
SEAL MATERIAL	Nitrile
VALVE TYPE	Unvalved
BODY SIZE	1/8 inch