Parker Product Datasheet



Quick coupling system with nominal diameter 7 for fluid handling applications up to 10 bar. Coupling system with Parker profile. Available made of thermoplastic - POM, PVDF or PVDF with peek spring.

PART NUMBER: 48SBIW13DPX
CONNECTION SIZE: G 1/4
COUPLING HALF: Plug
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP
BODY MATERIAL: POM black
COLOR: Standard

PRODUCT OVERVIEW

Parker's Quick Coupling Series 48 made of POM and PVDF has been developed for use in the medical, chemical, food handling, pharmaceutical and laboratory technology industries. The system is also available in a solid plastic design (RectuChem+). Here the metal springs are replaced by springs made of PEEK, an extremely resistant synthetic material.

The coupling system is developed for single-hand operation. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. The coupling is also available with no valve for a straight-through system.

Markets:

- Machinery Construction

- Automotive

- Process

- Life Science

- Industrial

Features/Benefits:

- Splash proof design - Plug is sealing prior to opening the valve.

- Only provider of a complete thermoplastic coupling (with PEEK spring)

- No mix-ups between media due to the color coding of coupling and plug

- Single-hand operation for easy and fast connection

Applications:

- Food and chemical processing

- Bio fluid transfer

- Thermal Management

TECH SPECIFICATIONS

VALVE TYPE	Standard Valve
BODY MATERIAL	POM Black
HOSE INSIDE DIAMETER	n/a
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
BRAND	Rectus
APPLICATION	Suction / Vacuum
TECHNOLOGY	Pneumatics
WEIGHT	0.0109 kg

INTERCHANGE TYPE	Parker Profile
COMPATIBLE FITTING	Series 48 Coupler
DIAMETER	7 mm (nominal)
CONNECTION SIZE	G 1/4
LENGTH	48 mm
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FOR FLUID TYPE	Technical Gases (Medical, analytical, anesthesic gases)
MAXIMUM OPERATING PRESSURE	145 psi VLOOKUP(A5863,[1]Feuil7!$A:$D,4,FALSE)
FLOW RATE	12 L/min (water)
MAXIMUM OPERATING TEMPERATURE	80 °C
MINIMUM OPERATING TEMPERATURE	-4 °F
FLOW RATE	770 L/min (air)
MAXIMUM OPERATING TEMPERATURE	176 °F
DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING PRESSURE	10 bar VLOOKUP(A5862,[1]Feuil7!$A:$D,4,FALSE)
MINIMUM OPERATING TEMPERATURE	-20 °C
PRODUCT SERIES	Series 48 Thermoplastic
PRODUCT TYPE	Application Based Quick Couplings
APPLICATION	Media Transfer
INDUSTRY	Industrial manufacturing equipment
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
SLEEVE MATERIAL	Without Sleeve
APPLICATION	Pneumatic
BRAND	Parker

PRODUCT STYLE	Quick Connect
HEX SIZE	21 mm
COUPLING HALF	Plug
OPERATION TYPE	No Sleeve
FUNCTION	Double Shut-Off
REGION OF ORIGIN	Germany
PRODUCT TYPE	Pneumatic Quick Couplings
PLATING TYPE	Without Surface Treatment
VALVE INCLUDED	Yes
QUANTITY PER BOX	10.0
COLOR	Standard
SEAL MATERIAL	NBR
DIVISION	Low Pressure Connectors Europe Division
TECHNOLOGY	Fluid & Gas Handling
CONNECTION TYPE	BSPP
OUTSIDE DIAMETER	n/a
CONNECTION TYPE	Female