Parker Product Datasheet



This range of ergonomic polymer couplers has been designed for the safety of operators and machinery while giving very high energy efficiency performance.
Available in three profile standards, it is perfectly suited for any type of installation.

PART NUMBER: 9421U08 10
COUPLING HALF: Coupler
CONNECTION TYPE: Tube
DIAMETER: ND 8
BODY MATERIAL: Brass
SLEEVE MATERIAL: Thecnical polymer
CONNECTION SIZE: 10MM
PROFILE: ISO B

PRODUCT OVERVIEW

This range of ergonomic polymer couplers has been designed for the safety of operators and machinery while giving very high energy efficiency performance.

Available in three profile standards, it is perfectly suited for any type of installation.

Features/Benefits:

- Safety & Reliability

• Prevents risk of whiplash
• Quick-acting vent allowing disconnection to be carried out in total safety

• Rotating sleeve to avoid risk of accidental disconnection
• Low connection/disconnection force even under pressure
• Polymer sleeve protects equipment from scratching
• Protective spiral over the tube prevents kinking

- Performance

• Very high flow and low pressure drop
• 100% leak-tested in production
• Date coding to guarantee quality and traceability
• Robust impact-resistant material
• Optimum energy efficiency
• Long-term reliability

- Easy-to-Use

• Immediate identification by clear marking on each model showing:
profile of the compatible male probe
type part number
• Compatible with male probes conforming to:
ISO B profile
European profile
ARO profile

Markets:

• Packaging
• Miscellaneous Manufacturing
• Vehicle Assembly Facilities

Applications:

• Compressed Air Circuits Automatic Connection and Disconnection
• Workshops
• Air Operated Tools
• Ring Main Circuits
• Cleaning
• Blowing

Technologies:

• Quick acting coupler
• Quick coupling
• Quick connect coupling
• Quick connect coupler
• Y coupler
• Coupler
• Coupling
• C9000

Technical Characteristics:

• Compatible fluids: Compressed air
• Materials: Technical polymer, aluminium, nickel-plated brass, zamak, stainless steel
• Pressure: Vacuum to 16 bar
• Temperature: -20°C to +60°C

Regulations:

• DI: 97/23/EC (PED)
• DI: 2002/95/EC (RoHS), 2011/65/EC
• DI: 1907/2006 (REACH)
• ISO 4414 Pneumatic Fluid Power: General Rules Relating to Systems
• DIN EN 983 Safety Standard for Pneumatics

Product Types:

• Coupler, Male BSPP Thread
• Coupler, Male BSPT Thread
• Coupler, Female BSPP Thread
• Coupler, LF 3000® Push-In Connection, Body Spiral Protection Spring
• Coupler with Hosetail
• Coupler, Bulkhead Mountable, Female BSPP Thread
• Y Coupler, Female BSPP Thread
• Probe, Straight-Through, Male BSPP Thread
• Probe, Straight-Through, Female BSPP Thread
• Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring
• Probe, Straight-Through, with Hosetail
• Coupler, Male BSPP Thread
• Coupler, Female BSPP Thread

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TECH SPECIFICATIONS

SEAL MATERIAL	NBR
MAXIMUM OPERATING PRESSURE	233 psi
PLATING TYPE	Nickel-Plated
OPERATION TYPE	Rotative Sleeve
DIVISION	Low Pressure Connectors Europe Division
COUPLING HALF	Coupler
MAXIMUM OPERATING TEMPERATURE	140 °F
MINIMUM OPERATING TEMPERATURE	-4 °F
INDUSTRY	Industrial Manufacturing Equipment
BRAND	Parker

INTERCHANGE TYPE	ISO B Profile
PRODUCT TYPE	Quick Coupling
COMPATIBLE FITTING	Series 30 Plug
QUANTITY PER BOX	5
COMPATIBLE FITTING	C9000 Plug
PRODUCT SERIES	Series C9000
DIVISION	Low Pressure Connectors Europe Division
FUNCTION	Self-Venting
CONNECTION TYPE	Hose Barb
SLEEVE MATERIAL	Technical Polymer
DIAMETER	8 mm (nominal)
CONNECTION SIZE	10 mm
TECHNOLOGY	Pneumatics
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
BRAND	Legris
FLOW RATE	2400 L/min (air)
VALVE INCLUDED	Yes
WEIGHT	0.124 kg
APPLICATION	Workshops, Cleaning, Blowing, Pneumatics, Air-Operated Tools, Ring Main Circuits, Packaging
MAXIMUM OPERATING TEMPERATURE	60 °C
BODY MATERIAL	Brass
MAXIMUM OPERATING PRESSURE	16 bar
MINIMUM OPERATING TEMPERATURE	-20 °C