

Parker Product Datasheet



Quick coupling system with nominal diameter 5 for pneumatic, liquids and gas applications up to 35 bar.
Available in brass, nickel-plated brass, or stainless steel.

PART NUMBER: 21KDIW10MPN
CONNECTION SIZE: G 1/8
COUPLING HALF: Coupler - Safety
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP

PRODUCT OVERVIEW

Parker's Series 21 is a mini-industrial coupling with European profile. Coupling system with single-hand operation. Above average flow performance for liquid and gaseous media.

Markets:

- Industrial
- Electronics and energy management
- Rescue Equipment
- Life Science
- Machinery construction

- Material Handling
- Transportation
- Automotive
- Process
- Food & Beverage

Features/Benefits:

- Mini Industrial Coupling
- Single-hand operation for easy and fast connection
- European profile is the most representative profile worldwide
- Dry-break version available
- Additional safety locking system available to prevent unintentional disconnection

TECH SPECIFICATIONS

INDUSTRY	General Industrial
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Safety & Rescue
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
PRODUCT SERIES	Series 21
MAXIMUM OPERATING TEMPERATURE	212 °F
PRODUCT TYPE	Pneumatic Quick Couplings
SHAPE	Straight
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
FLOW RATE	2.7 L/min (water)

CONNECTION SIZE	G 1/8
APPLICATION	Laboratory
INDUSTRY	Healthcare & Life Sciences
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Medical
DIAMETER	5 mm (nominal)
BRAND	Rectus
HEX SIZE	14 mm
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-4 °F
COMPATIBLE FITTING	Series 21 Plug
FLOW RATE	310 L/min (air)
WEIGHT	0.035 kg
MAXIMUM OPERATING TEMPERATURE	100 °C
CONNECTION TYPE	Female
INTERCHANGE TYPE	European Profile
MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Industrial Machinery
CONNECTION TYPE	BSPP ISO 228 Parallel
QUANTITY PER BOX	10
TECHNOLOGY	Fluid & Gas Handling
DIVISION	Low Pressure Connectors Europe Division
VALVE INCLUDED	Yes
PRODUCT STYLE	Quick-Connect
TECHNOLOGY	Pneumatics

OUTSIDE DIAMETER	16 mm
SLEEVE MATERIAL	Brass
REGION OF ORIGIN	Germany
COUPLING HALF	Coupler
VALVE TYPE	Standard Valve
PLATING TYPE	Nickel-plated
SEAL MATERIAL	NBR
FUNCTION	Safety (Double Shut-Off)
BODY MATERIAL	Brass
DIVISION	Low Pressure Connectors Europe Division
OPERATION TYPE	Sleeve