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: 21KDIW13MPN
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP
COUPLING HALF: Coupler - Safety
CONNECTION SIZE: G 1/4

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

SHAPE	Straight
COUPLING HALF	Coupler
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FLOW RATE	310 L/min (air)
WEIGHT	0.039 kg
FLOW RATE	2.7 L/min (water)
CONNECTION SIZE	G 1/4
PRODUCT TYPE	Pneumatic Quick Couplings
PLATING TYPE	Nickel-plated
REGION OF ORIGIN	Germany

FOR FLUID TYPE	Water (Industrial, drinking, treated water)
PRODUCT SERIES	Series 21
MAXIMUM OPERATING TEMPERATURE	212 °F
CONNECTION TYPE	BSPP ISO 228 Parallel
SLEEVE MATERIAL	Brass
BODY MATERIAL	Brass
INDUSTRY	General Industrial
MAXIMUM OPERATING TEMPERATURE	100 °C
HEX SIZE	17 mm
DIVISION	Low Pressure Connectors Europe Division
PRODUCT STYLE	Quick-Connect
DIAMETER	5 mm (nominal)
MINIMUM OPERATING TEMPERATURE	-20 °C
CONNECTION TYPE	Female
VALVE TYPE	Standard Valve
OPERATION TYPE	Sleeve
INDUSTRY	Healthcare & Life Sciences
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Laboratory
TECHNOLOGY	Fluid & Gas Handling
QUANTITY PER BOX	10
BRAND	Rectus
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Industrial Machinery
TECHNOLOGY	Pneumatics

BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Medical
FUNCTION	Safety (Double Shut-Off)
INTERCHANGE TYPE	European Profile
COMPATIBLE FITTING	Series 21 Plug
APPLICATION	Safety & Rescue
VALVE INCLUDED	Yes
OUTSIDE DIAMETER	16 mm
DIVISION	Low Pressure Connectors Europe Division
SEAL MATERIAL	NBR