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: 21KBIW13MPX
COUPLING HALF: Coupler
CONNECTION SIZE: G 1/4
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

DIAMETER	5 mm (nominal)
INDUSTRY	General Industrial
MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Laboratory
CONNECTION TYPE	Female
FUNCTION	Double Shut-Off
APPLICATION	Trucks & Trailers
PRODUCT SERIES	Series 21
INDUSTRY	Healthcare & Life Sciences
MAXIMUM OPERATING TEMPERATURE	212 °F

APPLICATION	Diagnostics
CONNECTION TYPE	BSPP ISO 228 Parallel
TECHNOLOGY	Fluid & Gas Handling
INDUSTRY	Transportation
MAXIMUM OPERATING PRESSURE	35 bar
SHAPE	Straight
OPERATION TYPE	Sleeve
HEX SIZE	17 mm
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
DIVISION	Low Pressure Connectors Europe Division
INDUSTRY	Electronics
CONNECTION SIZE	G 1/4
APPLICATION	Industrial Machinery
TECHNOLOGY	Pneumatics
SLEEVE MATERIAL	Brass
FLOW RATE	310 L/min (air)
WEIGHT	0.039 kg
FLOW RATE	2.7 L/min (water)
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	In-Plant Automotive
VALVE INCLUDED	Yes
VALVE TYPE	Standard Valve
REGION OF ORIGIN	Germany
PRODUCT STYLE	Quick-Connect
COUPLING HALF	Coupler
DIVISION	Low Pressure Connectors Europe Division

APPLICATION	Food & Beverages
MAXIMUM OPERATING PRESSURE	507 psi
BRAND	Rectus
SEAL MATERIAL	NBR
QUANTITY PER BOX	10
PLATING TYPE	Without Surface Treatment
APPLICATION	Pharma
APPLICATION	Electronics
COMPATIBLE FITTING	Series 21 Plug
BRAND	Parker
BODY MATERIAL	Brass
PRODUCT TYPE	Pneumatic Quick Couplings
APPLICATION	Energy Management
MINIMUM OPERATING TEMPERATURE	-4 °F
INTERCHANGE TYPE	European Profile
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
OUTSIDE DIAMETER	16 mm