

Parker Product Datasheet



Coded industrial quick coupling system with nominal diameter 5 for pneumatic and fluid handling applications up to 35 bar. Coupling system developed on the basis of Parker Series 21. Available made of brass.

PART NUMBER: 21KAAW13MPN3
COUPLING HALF: Coupler
COLOR: Brown
CONNECTION THREAD SIZE: G 1/4
FUNCTION: Single Shut-Off
BODY MATERIAL: Brass
CONNECTION TYPE: Male BSPP

PRODUCT OVERVIEW

Parker's Coded Quick Coupling Series 21 is an industrial coupling system developed on the basis of series 21 with above-average flow rate for liquid and gaseous media.

This coupling system is developed for single-hand operation. The mechanical coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling, which is complemented by the color coding of the anodized sleeves. A double shut-off version is available on request.

Markets:

- Machinery Construction
- Life Science
- Process
- Aerospace

Features/Benefits:

- No mix-ups between media due to the color and mechanical coding of coupling and plug
- Above-average flow rate
- Single-hand operation for easy and fast connection

Applications:

- Laboratory equipment
- Control panels
- Calibration systems
- Portable analyzers
- Gas chromatographs
- Micro-contamination devices

TECH SPECIFICATIONS

BRAND	Rectus
PRODUCT TYPE	Pneumatic Quick Couplings
DIAMETER	5 mm (nominal)
MAXIMUM OPERATING TEMPERATURE	212 °F
MAXIMUM OPERATING PRESSURE	174 psi
LENGTH	47 mm
VALVE INCLUDED	Yes
MINIMUM OPERATING TEMPERATURE	-20 °C
COMPATIBLE FITTING	Series 21 - Coded Plug
BRAND	Parker
CONNECTION TYPE	Male
FLOW RATE	7 L/min (water)
PRODUCT SERIES	Series 21 - Coded

MINIMUM OPERATING TEMPERATURE	-4 °F
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
TECHNOLOGY	Pneumatics
INTERCHANGE TYPE	European Profile
MAXIMUM OPERATING PRESSURE	12 bar
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
MAXIMUM OPERATING TEMPERATURE	100 °C
INDUSTRY	Industrial
QUANTITY PER BOX	5.0
OPERATION TYPE	Sleeve
COUPLING HALF	Coupler
APPLICATION	General industrial
PLATING TYPE	Nickel-Plated
REGION OF ORIGIN	Germany
HEX SIZE	17 mm
SEAL MATERIAL	NBR
DIVISION	Low Pressure Connectors Europe Division
PRODUCT STYLE	Quick Connect
INDUSTRY	Life Sciences
OUTSIDE DIAMETER	16 mm
BODY MATERIAL	Brass
FUNCTION	Single Shut-Off
COLOR	Brown
DIVISION	Low Pressure Connectors Europe Division
CONNECTION SIZE	G 1/4

VALVE TYPE	Standard Valve
APPLICATION	Medical
SLEEVE MATERIAL	Brass
FLOW RATE	550 L/min (air)
APPLICATION	Food & Beverage
CONNECTION TYPE	BSPP
TECHNOLOGY	Fluid & Gas Handling