

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: 21KAAW10MPN6
COUPLING HALF: Coupler
COLOR: Blue
FUNCTION: Single Shut-Off
BODY MATERIAL: Brass
CONNECTION TYPE: Male BSPP
CONNECTION THREAD SIZE: G 1/8

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

INDUSTRY	Life Sciences
BODY MATERIAL	Brass
APPLICATION	General industrial
INDUSTRY	Industrial
CONNECTION SIZE	G 1/8
COLOR	Blue
FLOW RATE	7 L/min (water)
OUTSIDE DIAMETER	16 mm
HEX SIZE	14 mm
PRODUCT TYPE	Pneumatic Quick Couplings
FUNCTION	Single Shut-Off
OPERATION TYPE	Sleeve
APPLICATION	Food & Beverage
MAXIMUM OPERATING TEMPERATURE	100 °C
TECHNOLOGY	Pneumatics

PRODUCT STYLE	Quick Connect
CONNECTION TYPE	BSPP
VALVE INCLUDED	Yes
MAXIMUM OPERATING TEMPERATURE	212 °F
CONNECTION TYPE	Male
TECHNOLOGY	Fluid & Gas Handling
COMPATIBLE FITTING	Series 21 - Coded Plug
REGION OF ORIGIN	Germany
APPLICATION	Medical
INTERCHANGE TYPE	European Profile
MINIMUM OPERATING TEMPERATURE	-20 °C
SLEEVE MATERIAL	Brass
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
PRODUCT SERIES	Series 21 - Coded
BRAND	Parker
MAXIMUM OPERATING PRESSURE	174 psi
DIVISION	Low Pressure Connectors Europe Division
COUPLING HALF	Coupler
DIVISION	Low Pressure Connectors Europe Division
LENGTH	47 mm
BRAND	Rectus
MAXIMUM OPERATING PRESSURE	12 bar
PLATING TYPE	Nickel-Plated
SEAL MATERIAL	NBR
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)

QUANTITY PER BOX	5.0
FLOW RATE	550 L/min (air)
DIAMETER	5 mm (nominal)
MINIMUM OPERATING TEMPERATURE	-4 °F
VALVE TYPE	Standard Valve