

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: 21KAIW10MPX0
COUPLING HALF: Coupler
COLOR: Green
BODY MATERIAL: Brass
CONNECTION TYPE: Female BSPP
FUNCTION: Single Shut-Off
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

DIVISION	Low Pressure Connectors Europe Division
DIAMETER	5 mm (nominal)
LENGTH	47 mm
PRODUCT SERIES	Series 21 - Coded
MAXIMUM OPERATING PRESSURE	12 bar
CONNECTION TYPE	Female
OPERATION TYPE	Sleeve
MAXIMUM OPERATING PRESSURE	174 psi
PRODUCT TYPE	Pneumatic Quick Couplings
OUTSIDE DIAMETER	16 mm
MAXIMUM OPERATING TEMPERATURE	212 °F
FUNCTION	Single Shut-Off
SEAL MATERIAL	NBR
MINIMUM OPERATING TEMPERATURE	-4 °F

VALVE TYPE	Standard Valve
REGION OF ORIGIN	Germany
BODY MATERIAL	Brass
TECHNOLOGY	Fluid & Gas Handling
COUPLING HALF	Coupler
INDUSTRY	Industrial
INDUSTRY	Life Sciences
PRODUCT STYLE	Quick Connect
SLEEVE MATERIAL	Brass
MINIMUM OPERATING TEMPERATURE	-20 °C
CONNECTION SIZE	G 1/8
APPLICATION	General industrial
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FLOW RATE	7 L/min (water)
HEX SIZE	14 mm
FLOW RATE	550 L/min (air)
DIVISION	Low Pressure Connectors Europe Division
COMPATIBLE FITTING	Series 21 - Coded Plug
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
VALVE INCLUDED	Yes
PLATING TYPE	Without Surface Treatment
TECHNOLOGY	Pneumatics
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Food & Beverage
APPLICATION	Medical

INTERCHANGE TYPE	European Profile
BRAND	Parker
CONNECTION TYPE	BSPP
QUANTITY PER BOX	5.0
COLOR	Green
BRAND	Rectus