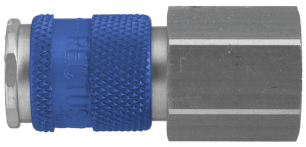
Parker Product Datasheet



Premium coded industrial quick coupling system with nominal diameter 7.8 for pneumatic and fluid handling applications up to 35 bar. Coupling system developed on the basis of Parker Series 25. Available made of brass.

PART NUMBER: 25KAIW13BPN6
COUPLING HALF: Coupler
FUNCTION: Single Shut-Off
COLOR: Blue
BODY MATERIAL: Brass
CONNECTION TYPE: Female BSPP
CONNECTION THREAD SIZE: G 1/2

PRODUCT OVERVIEW

Parker's Premium Coded Quick Coupling Series 25 is an industrial coupling system developed on the basis of series 25. This coupling system is developed for single-hand operation. The UltraFlo valve guarantees optimum flow and low pressure drop. 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. Double shut-off and straight-through couplings are available upon request. The plug cannot be interconnected with the Rectus standard 25 series.

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
- UltraFlo valve for optimum flow and low pressure drop
- Single-hand operation for easy and fast connection

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

TECH SPECIFICATIONS

PRODUCT SERIES	Series 25 - Coded
MAXIMUM OPERATING PRESSURE	174 psi
TECHNOLOGY	Pneumatics
PLATING TYPE	Nickel-Plated
HEX SIZE	19 mm
CONNECTION TYPE	BSPP ISO 228 Parallel
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-20 °C
PRODUCT TYPE	Quick Couplings Pneumatic
REGION OF ORIGIN	Germany
APPLICATION	General Industrial
QUANTITY PER BOX	5.0
DIAMETER	7.8 mm (nominal)

MAXIMUM OPERATING TEMPERATURE	100 °C
COUPLING HALF	Coupler
TECHNOLOGY	Fluid & Gas Handling
DIVISION	Low Pressure Connectors Europe Division
FLOW RATE	28 L/min (water)
MAXIMUM OPERATING PRESSURE	12 bar
SLEEVE MATERIAL	Steel
BODY MATERIAL	Brass
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	212 °F
COMPATIBLE FITTING	Series 25 Plug
PRODUCT STYLE	Quick Connect
MINIMUM OPERATING TEMPERATURE	-4 °F
FUNCTION	Single Shut-Off
OPERATION TYPE	Sleeve
DIVISION	Low Pressure Connectors Europe Division
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
FLOW RATE	1800 L/min (air)
VALVE INCLUDED	Yes
OUTSIDE DIAMETER	23 mm
COLOR	Blue
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
SEAL MATERIAL	NBR
CONNECTION TYPE	Female

CONNECTION SIZE	G 1/4
INTERCHANGE TYPE	European Profile
LENGTH	55 mm