

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: 25SFIW13MXN6
CONNECTION THREAD SIZE: G 1/4
FUNCTION: Straight-Through
COUPLING HALF: Plug
BODY MATERIAL: Brass
CONNECTION TYPE: Female BSPP
COLOR: Blue

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

TECHNOLOGY	Pneumatics
PRODUCT TYPE	Pneumatic Quick Couplings
OPERATION TYPE	No Sleeve
PRODUCT STYLE	Quick Connect
TECHNOLOGY	Fluid & Gas Handling
SLEEVE MATERIAL	Steel
CONNECTION TYPE	Female
COUPLING HALF	Plug
VALVE TYPE	Without Valve
PLATING TYPE	Nickel-Plated
SEAL MATERIAL	Without Seal
COMPATIBLE FITTING	Series 1625 Coupler
REGION OF ORIGIN	Germany
MAXIMUM OPERATING PRESSURE	174 psi
PRODUCT SERIES	Series 25 - Coded

COMPATIBLE FITTING	Series 1600 Coupler
FLOW RATE	28 L/min (water)
DIAMETER	7.8 mm (nominal)
COMPATIBLE FITTING	Series 25 Coupler
MAXIMUM OPERATING PRESSURE	12 bar
DIVISION	Low Pressure Connectors Europe Division
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
INTERCHANGE TYPE	European Profile
MAXIMUM OPERATING TEMPERATURE	464 °F
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
CONNECTION TYPE	BSPP ISO 228 Parallel
QUANTITY PER BOX	5.0
CONNECTION SIZE	G 1/4
MINIMUM OPERATING TEMPERATURE	-40 °C
BRAND	Rectus
MINIMUM OPERATING TEMPERATURE	-40 °F
APPLICATION	General Industrial
BRAND	Parker
MAXIMUM OPERATING TEMPERATURE	240 °C
VALVE INCLUDED	No
COLOR	Blue
FLOW RATE	1800 L/min (air)
BODY MATERIAL	Brass
FUNCTION	Straight-Through

