

Parker Product Datasheet



Quick coupling system with nominal diameter 5 for pneumatic, liquids and gas applications up to 35 bar.
Available in brass, nickel-plated brass, or stainless steel.

PART NUMBER: 21SFIW10EXX
CONNECTION SIZE: G 1/8
FUNCTION: Single Shut-Off
COUPLING HALF: Plug
CONNECTION TYPE: Female BSPP
BODY MATERIAL: Stainless Steel 316L

PRODUCT OVERVIEW

Parker's Series 21 is a mini-industrial coupling with European profile. Coupling system with single-hand operation. Above average flow performance for liquid and gaseous media.

Markets:

- Industrial
- Electronics and energy management
- Rescue Equipment
- Life Science
- Machinery construction

- Material Handling
- Transportation
- Automotive
- Process
- Food & Beverage

Features/Benefits:

- Mini Industrial Coupling
- Single-hand operation for easy and fast connection
- European profile is the most representative profile worldwide
- Dry-break version available
- Additional safety locking system available to prevent unintentional disconnection

TECH SPECIFICATIONS

BODY MATERIAL	Stainless Steel 316L
SPECIFICATIONS MET	ATEX
DIVISION	Low Pressure Connectors Europe Division
PRODUCT STYLE	Quick-Connect
SLEEVE MATERIAL	Without Sleeve
FUNCTION	Straight-Through
COUPLING HALF	Plug
OPERATION TYPE	No Sleeve
QUANTITY PER BOX	2
DIVISION	Low Pressure Connectors Europe Division
DIAMETER	5 mm (nominal)

MAXIMUM OPERATING TEMPERATURE	464 °F
SHAPE	Straight
HEX SIZE	14 mm
FLOW RATE	550 L/min (air)
INTERCHANGE TYPE	European Profile
COMPATIBLE FITTING	Series 21 Coupler
TECHNOLOGY	Pneumatics
INDUSTRY	General Industrial
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-40 °F
VALVE INCLUDED	No
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM OPERATING PRESSURE	507 psi
INDUSTRY	Healthcare & Life Sciences
FLOW RATE	2.7 L/min (water)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
CONNECTION TYPE	BSPP ISO 228 Parallel
MAXIMUM OPERATING PRESSURE	35 bar
BRAND	Rectus
INDUSTRY	Electronics
CONNECTION TYPE	Female
APPLICATION	Electronics
CONNECTION SIZE	G 1/8
WEIGHT	0.012 kg

FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
PRODUCT TYPE	Pneumatic Quick Couplings
APPLICATION	Industrial Machinery
MAXIMUM OPERATING TEMPERATURE	240 °C
APPLICATION	Medical
APPLICATION	Energy Management
MINIMUM OPERATING TEMPERATURE	-40 °C
PRODUCT SERIES	Series 21
SPECIFICATIONS MET	RoHS
VALVE TYPE	Without Valve
REGION OF ORIGIN	Germany
PLATING TYPE	Without Surface Treatment
SEAL MATERIAL	Without Seal
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)