

Parker Product Datasheet



Quick coupling system with nominal diameter 5 for fluid handling applications up to 10 bar. Coupling system with the world's most popular profile in this nominal diameter. Available made of thermoplastic - POM or PVDF.

PART NUMBER: 21KBKS08DPX
COUPLING HALF: Coupler
CONNECTION SIZE: 6x8 MM
SLEEVE TYPE: Tapered Sleeve
CONNECTION TYPE: Panel Mount with Plastic Hose Connection
BODY MATERIAL: POM black
COLOR: Standard

PRODUCT OVERVIEW

Parker's Series 21 mini industrial coupling made of plastics POM and PVDF with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous media. The coupling system is developed for single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Two different sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling.

Markets:

- Machinery Construction
- Automotive
- Life Science

- Process

Features/Benefits:

- Splash proof design - Plug is sealing prior to opening the valve.
- Available with straight or ergonomic sleeve for easy handling with gloves
- No mix-ups between media due to the color coding of coupling and plug
- Available as panel mount version (push pull version for integration into switching cabinet)
- Single-hand operation for easy and fast connection

Applications:

- Food and chemical processing
- Bio fluid transfer

TECH SPECIFICATIONS

BRAND	Parker
APPLICATION	Pneumatic
TECHNOLOGY	Fluid & Gas Handling
SLEEVE MATERIAL	POM
HOSE INSIDE DIAMETER	6x8 mm
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
WEIGHT	0.016 kg
FLOW RATE	2.7 L/min (water)
PRODUCT SERIES	Series 21 Thermoplastic
FLOW RATE	310 L/min (air)
DIAMETER	5 mm (nominal)
SEAL MATERIAL	NBR

REGION OF ORIGIN	Germany
LENGTH	68 mm
CONNECTION SIZE	6x8 mm
CONNECTION TYPE	Tube Panel mounted, without spring guard
PRODUCT STYLE	Quick-Connect
PRODUCT TYPE	Pneumatic Quick Couplings
MINIMUM OPERATING TEMPERATURE	-4 °F
MAXIMUM OPERATING TEMPERATURE	80 °C
QUANTITY PER BOX	5.0
DIVISION	Low Pressure Connectors Europe Division
VALVE TYPE	Standard Valve
APPLICATION	Media Transfer
INDUSTRY	Industrial manufacturing equipment
DIVISION	Low Pressure Connectors Europe Division
OPERATION TYPE	Sleeve
HEX SIZE	17 mm
MAXIMUM OPERATING PRESSURE	10 bar
MINIMUM OPERATING TEMPERATURE	-20 °C
OUTSIDE DIAMETER	25.5 mm
PLATING TYPE	Without Surface Treatment
FUNCTION	Double Shut-Off
COMPATIBLE FITTING	Series 21 - Thermoplastic Plug
INTERCHANGE TYPE	European Profile
COUPLING HALF	Coupler
SLEEVE TYPE	Tapered Sleeve

VALVE INCLUDED	Yes
APPLICATION	Suction / Vacuum
BRAND	Rectus
BODY MATERIAL	POM Black
COLOR	Standard
MAXIMUM OPERATING PRESSURE	145 psi
MAXIMUM OPERATING TEMPERATURE	176 °F