

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: 21KBKO08DPX
COUPLING HALF: Coupler
CONNECTION TYPE: with Plastic Hose Connection
COLOR: Standard
BODY MATERIAL: POM black
SLEEVE TYPE: Tapered Sleeve
CONNECTION SIZE: 6x8 MM

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

PRODUCT SERIES	Series 21 Thermoplastic
MINIMUM OPERATING TEMPERATURE	-20 °C
FLOW RATE	310 L/min (air)
CONNECTION SIZE	6x8 mm
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
DIAMETER	5 mm (nominal)
BRAND	Parker
WEIGHT	0.014 kg
MINIMUM OPERATING TEMPERATURE	-4 °F
OUTSIDE DIAMETER	25.5 mm
REGION OF ORIGIN	Germany
SLEEVE MATERIAL	POM
MAXIMUM OPERATING PRESSURE	145 psi
SEAL MATERIAL	NBR

PRODUCT STYLE	Quick-Connect
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM OPERATING PRESSURE	10 bar
COUPLING HALF	Coupler
QUANTITY PER BOX	5.0
FUNCTION	Double Shut-Off
LENGTH	56 mm
DIVISION	Low Pressure Connectors Europe Division
VALVE INCLUDED	Yes
APPLICATION	Pneumatic
BODY MATERIAL	POM Black
PRODUCT TYPE	Pneumatic Quick Couplings
APPLICATION	Media Transfer
SLEEVE TYPE	Tapered Sleeve
CONNECTION TYPE	Tube with Hose Nut, without Spring Guard
HEX SIZE	17 mm
PLATING TYPE	Without Surface Treatment
COLOR	Standard
APPLICATION	Suction / Vacuum
BRAND	Rectus
INDUSTRY	Industrial manufacturing equipment
MAXIMUM OPERATING TEMPERATURE	176 °F
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
FLOW RATE	2.7 L/min (water)
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
INTERCHANGE TYPE	European Profile

HOSE INSIDE DIAMETER	6x8 mm
OPERATION TYPE	Sleeve
VALVE TYPE	Standard Valve
COMPATIBLE FITTING	Series 21 - Thermoplastic Plug
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
MAXIMUM OPERATING TEMPERATURE	80 °C
DIVISION	Low Pressure Connectors Europe Division