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: 21KBKO06DPX
CONNECTION SIZE: 4x6 MM
SLEEVE TYPE: Tapered Sleeve
BODY MATERIAL: POM black
COLOR: Standard
CONNECTION TYPE: with Plastic Hose Connection
COUPLING HALF: Coupler

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 TYPE	Pneumatic Quick Couplings
APPLICATION	Media Transfer
MINIMUM OPERATING TEMPERATURE	-20 °C
PRODUCT SERIES	Series 21 Thermoplastic
CONNECTION TYPE	Tube with Hose Nut, without Spring Guard
HEX SIZE	17 mm
MAXIMUM OPERATING TEMPERATURE	176 °F
FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
VALVE INCLUDED	Yes
APPLICATION	Pneumatic
MAXIMUM OPERATING TEMPERATURE	80 °C
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
FUNCTION	Double Shut-Off
LENGTH	56 mm

BRAND	Rectus
INDUSTRY	Industrial manufacturing equipment
SLEEVE MATERIAL	POM
MAXIMUM OPERATING PRESSURE	145 psi
INTERCHANGE TYPE	European Profile
FLOW RATE	2.7 L/min (water)
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
MAXIMUM OPERATING PRESSURE	10 bar
CONNECTION SIZE	4x6 mm
FLOW RATE	310 L/min (air)
TECHNOLOGY	Fluid & Gas Handling
VALVE TYPE	Standard Valve
COMPATIBLE FITTING	Series 21 - Thermoplastic Plug
BRAND	Parker
DIAMETER	5 mm (nominal)
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
COUPLING HALF	Coupler
QUANTITY PER BOX	5.0
DIVISION	Low Pressure Connectors Europe Division
SEAL MATERIAL	NBR
PRODUCT STYLE	Quick-Connect
BODY MATERIAL	POM Black
HOSE INSIDE DIAMETER	4x6 mm
OPERATION TYPE	Sleeve
PLATING TYPE	Without Surface Treatment
SLEEVE TYPE	Tapered Sleeve

OUTSIDE DIAMETER	25.5 mm
REGION OF ORIGIN	Germany
DIVISION	Low Pressure Connectors Europe Division
COLOR	Standard
APPLICATION	Suction / Vacuum
MINIMUM OPERATING TEMPERATURE	-4 °F
WEIGHT	0.014 kg