Parker
FS Series and CPI Series
KEYED and COLOR CODED
Quick Couplings

Parker FS and CPI Series Quick Couplings are now available keyed and color coded to prevent connection of non-compatible media or pressure lines in multi-line systems. Each instrument-grade series provides a mechanical lockout in a variety of colors, each keyed exclusively to prevent interchangeability.

Standard FS and CPI Features Include:

- Positively guided valving to prevent leakage
- Positively stopped valving to prevent flow checking
- Leak tight O-ring seals suitable for high pressure and vacuum applications.
- Wide range of seal options
- Sealing integrity to 1 X 10^{-6} cc/sec. helium under 50 millitorr of vacuum

- 316 Stainless Steel or Brass construction for media compatibility
- Ball locking mechanism to provide alignment and swiveling action
- Flush face valving (FS Series only) for minimal air inclusion when connected, minimal spillage when disconnected
- Excellent flow vs. pressure drop characteristics
- Push-To-Connect design

Bulletin 4220-KEYED

Parker FluidConnectors

FS Series

Description
FS Series keyed/color coded couplings use a key and groove combination to prevent intermixing of non-compatible lines. Each key is matched to a specific color so that like colors will interchange, different colors will not.
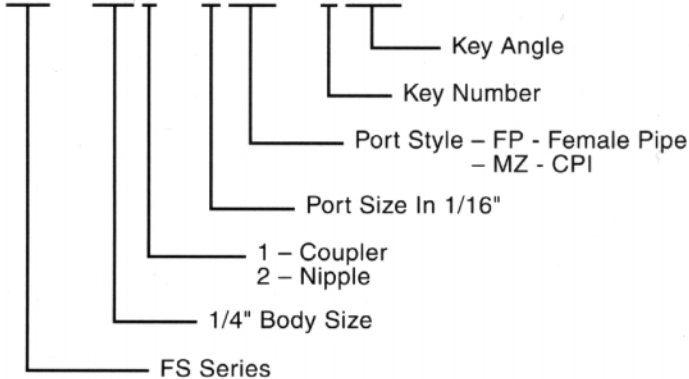
How to order FS Series Keyed/Color Coded Product:
To order FS Series keyed and color coded product simply add the four digit suffix listed below to the standard part number.

Example: FS-251-4MZ-0045.

Color	Suffix
Brown	1060
Black	0045
Red	2075
Orange	3090
Yellow	4105
Green	5120

FS – 251 – 4MZ – 0045

- Key Angle
- Key Number
- Port Style – FP - Female Pipe – MZ - CPI
- Port Size In 1/16"
- 1 – Coupler
- 2 – Nipple
- 1/4" Body Size
- FS Series

Specifications - FS Series

Body Size:	1/4"
Rated PSI:	2000
Temp Range:	-20° to +400° (Viton)
Vacuum Service:	.05mm Hg Absolute
Sealing Integrity:	1 X 10⁻⁶ cc/sec Helium at 50 millitorr of vacuum

CPI Series

Description
CPI Series keyed/color coded couplings use different sleeve diameters to prevent intermixing of non-compatible lines. Each key is matched to a specific color so that like colors will interchange, different colors will not.
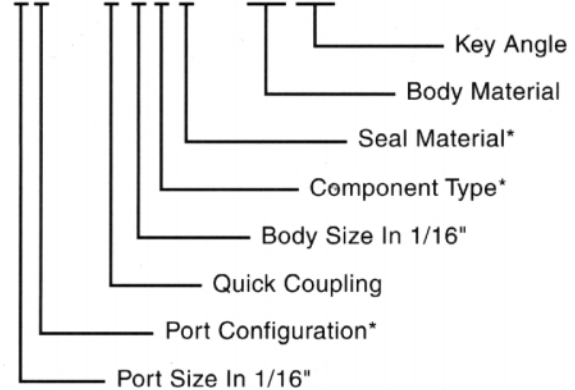
How to order CPI Series Keyed/Color Coded Product:
To order CPI Series keyed and color coded product simply add the alpha-numeric suffix listed below to the standard part number.

Example: 4F-Q4CY-SSK3.

Color	Suffix
Black	K1
Orange	K2
Green	K3
Yellow	K4
Blue	K5
White	K6
Purple	K7
Brown	K8

4F – Q4CY – SSK3

- Key Angle
- Body Material
- Seal Material*
- Component Type*
- Body Size In 1/16"
- Quick Coupling
- Port Configuration*
- Port Size In 1/16"

*Refer to Catalog 4220 for options

Specifications - CPI Series

Body Size:	1/4"
Rated PSI:	2000 PSI - Brass 3000 PSI - Stainless Steel
Temp Range:	-20° to +400° (Viton)
Vacuum Service:	.05mm Hg Absolute
Sealing Integrity:	1 X 10⁻⁶ cc/sec Helium at 50 millitorr of vacuum