

**canfield
connector**

5K SERIES

ISO
LIGHTED, LOAD SUPPRESSED MOLDED
SOLENOID VALVE CONNECTORS

GENERAL DESCRIPTION

The Canfield Connector 5K Series DIN solenoid valve connector all molded cord assembly offers a rugged one-piece design that is far better for environmental integrity than field wire solenoid valve connectors. Made from rugged yet flexible polyurethane, the connector housing boasts high durability factors and application versatility. The low profile "90°" interface/cord configuration allows for installation in many limited space applications. The 5K Series is different than the 5J Series version and is offered without the integrated gasket design in order to promote version compatibility as with the Canfield Connector MCCR and iLW. The 5K boasts an IP67/NEMA 6 rating when gasket is applied. The 5K Series as well as the 5F Series and 5J Series are the only molded valve connectors in the industry that feature a Hard Usage cord option in any length required, bi-directional indicator lights, and load suppression (not intended for UL 1449), and is Proudly Made in the U.S.A.

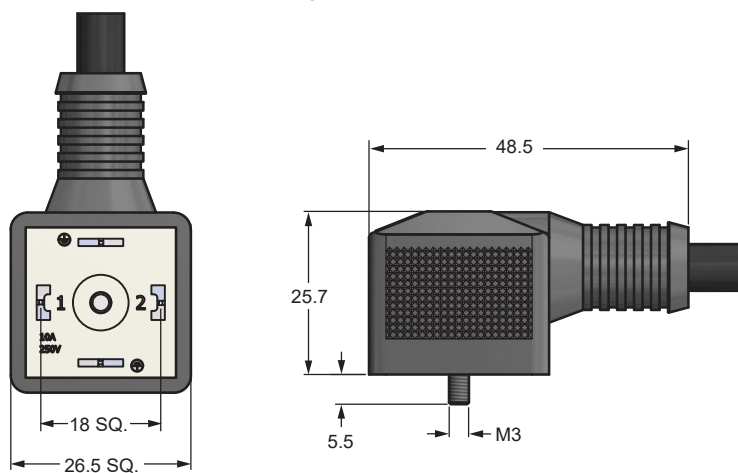


ISO, Unlighted version shown above

DIMENSIONAL DATA

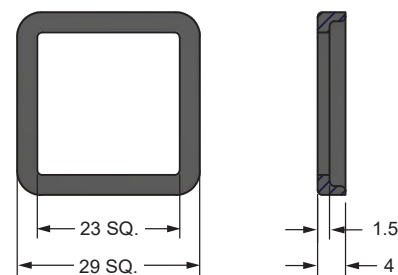
All dimensions are in millimeters unless otherwise noted.

ISO
Dual Ground Shown

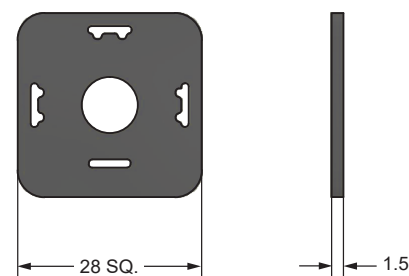


GASKET OPTIONS

Profile



Flat



TECHNICAL DATA

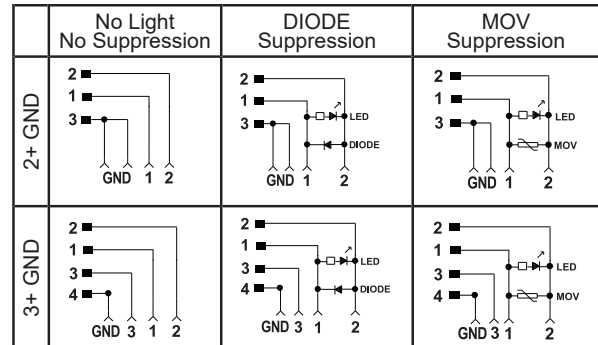
Current Max	10 Amps
Voltage Max.	250 VAC 50/60 Hz, 300 VDC
Materials	Enclosure: Polyurethane Gasket: Polyurethane
Temperature Range	-20° to +80°C
Environmental Protection	IP67 AND NEMA 6 Dust tight and water resistant (with gasket)
Cable Diameter	EU (European) / US (U.S.A.): 0.275 HU (Hard Usage): .300
Cable Conductor Colors	EU Code: Blue, brown, yellow/green (4th conductor version black) US Code: Black, green, white (4th conductor version red) (Others available on request)
Cable Type	Pressure extruded PVC jacket Hard usage cordage "S" type with SJTOW standard PVC jacket (Others available on request)
Wire Gauge	18 AWG standard 20 AWG standard
Size	18mm pin spacing - DIN Style "A" EN175301-803
Number of Contacts	2+ ground 3+ ground

NOTE: Slight discoloration may occur to translucent material after prolonged exposure to UV rays.

WIRING INFORMATION

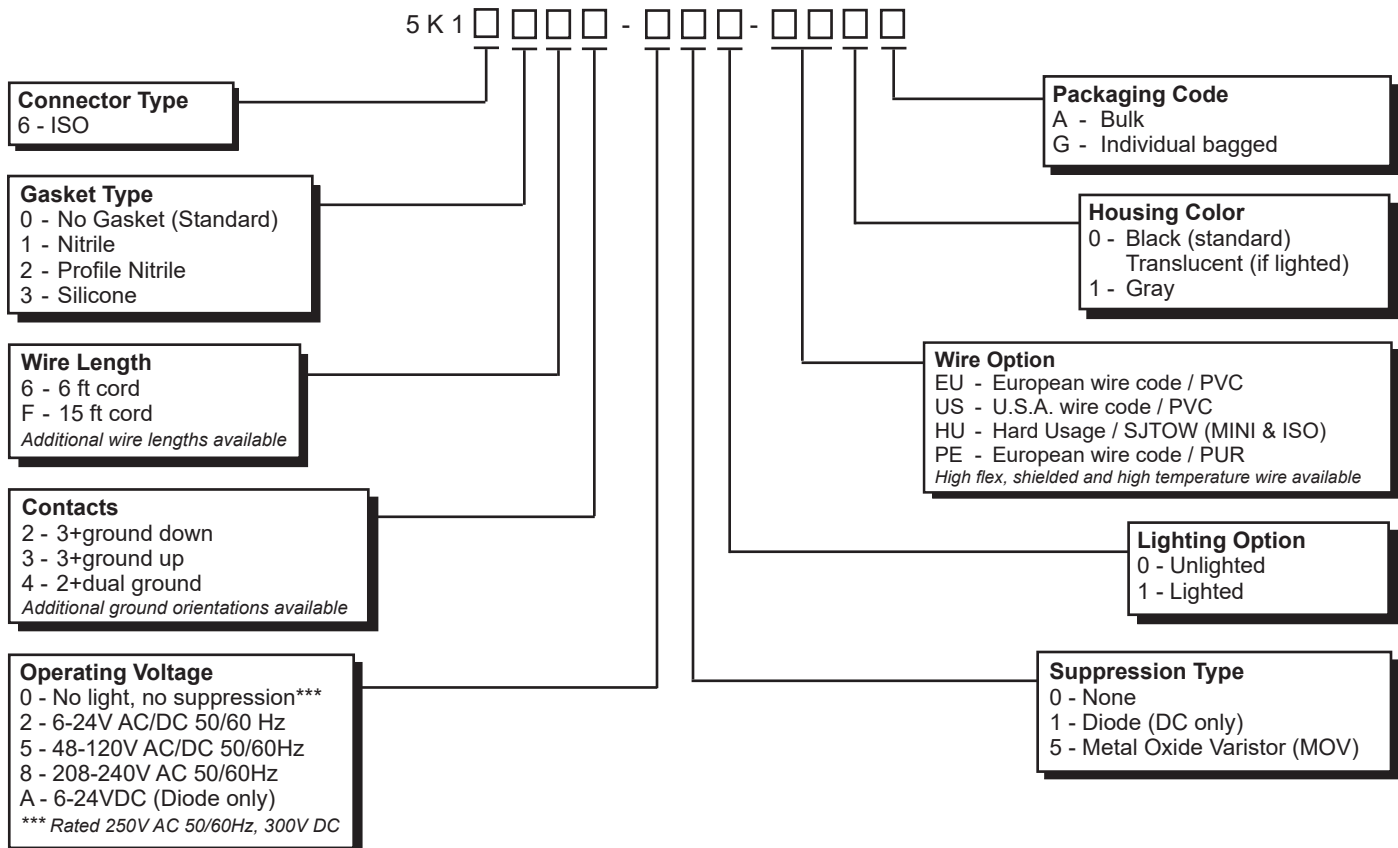
Terminal Configuration		
Wire Type	EUR	US / HU
Chassis Ground	YEL & GRN	GRN
(+) Pos. / Hot Pin 1	BRN	BLK
(-) Neg. / Neut. Pin 2	BLU	WHT
Signal Pin 3	BLK	RED

CIRCUIT TYPES



ORDERING INFORMATION

All connectors come standard with screw.



Ordering Example: 5K16064-251-US0A

ISO, No Gasket, 6 ft wire length, 2+ dual ground, 6-24V AC/DC 50/60 Hz, MOV, lighted, U.S.A. wire code / PVC jacket, black housing, bulk

Accessories:
WM-315 ISO/MINI Standard Wire Markers 10X Bag