



canfield
connector

Coil Saver®

5FMSD SERIES
IN-LINE MICRO SOLENOID DRIVER
POWER CONVERTER WITH MOLDED
SOLENOID VALVE CONNECTORS

GENERAL DESCRIPTION

The Canfield Connector 5FMSD Series is a solenoid driver circuit (Coil Saver) tucked away in our in-line electronics package coupled with our 5F all-molded DIN solenoid valve connector/gasket/cord assembly for ISO DIN Style "A" EN175301-803 (Formerly DIN 43650), MINI and 9.4mm (Industry Standard) and 8mm Sub-Micro (DIN 43650 "C") connectors. The integrated gasket design boasts an IP67/NEMA 6 rating and makes it impossible to lose the gasket. The Coil Saver enhances solenoid valve function as it lowers the wattage of solenoid operators of solenoid valves as it first applies a full voltage to ensure strong pull-in then drops the current when the solenoid magnetic circuit is most efficient and lowers wattage during long term energization or repeated cycles and lower RMS wattage. The fully encapsulated enclosure design allows for the Coil Saver to be isolated from the heat of the solenoid as well as installed upstream, away from the coil connector that is designed for this heat. The in-line package can control input DC voltage and supplies PWM VDC to the coil. The low profile "straight-line" interface/cord configuration allows for installation in many limited space applications and is proudly made in the U.S.A.



ISO, Unlighted version shown above

DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.



