



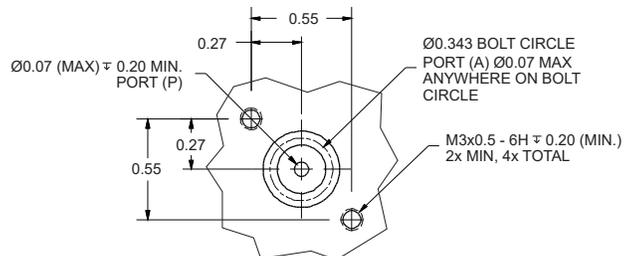
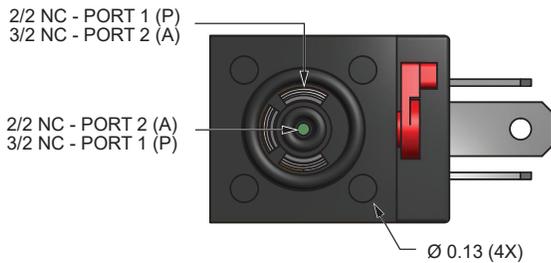
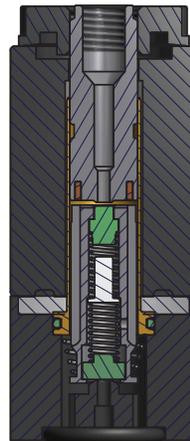
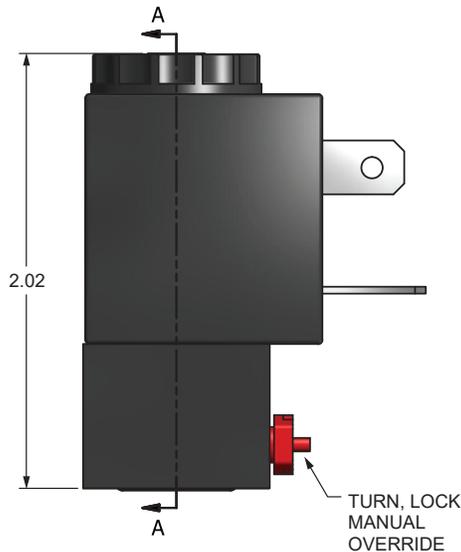
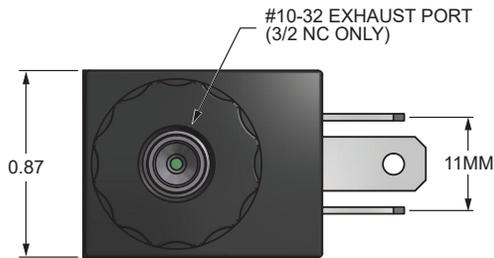
Series 38KRE

Solenoid Operators 2-Way & 3-Way Manifold Mount Pilot Assembly

The Spartan Scientific Series 38KRE is a miniature solenoid operator pilot assembly designed to control inert gases and liquids and is made to easily mount to a flat manifold surface. The 38KRE features a fully molded coil assembly that is available in spaded or flying lead configurations. The plunger and tube assembly are made from highest quality materials and exacting standards for long life and reliability. The valve body comes with turn locking manual override as standard. It can be assembled quickly to a manifold block by the use of two screws (provided).

Dimensional Data

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED



MOUNTING HOLE / PASSAGE PATTERN



Series 38KRE

Solenoid Operators 2-Way & 3-Way Manifold Mount Pilot Assembly

Technical Data

Function: 2-Way, 2-Position; Solenoid Operating Pilot; Normally Closed.
3-Way, 2-Position; Solenoid Operating Pilot; Normally Closed.

Orifice Sizes / Flow Factor: 1.2mm / 0.06 Cv
1.5mm / 0.05 Cv
Note: All values shown are for pressure rating of 90 psi.

Pressure Range: 0 to 150 psi (depending on orifice size and function)

Temp. Range: Fluid Max.: +10° to +50°C
Dry Range: Ambient +10° to +50°C

Response Time: 8 to 15ms Complete Cycle

Media: Air, inert gases

Manual Override: Turn Lock

Environment IP65 (IEC 144), NEMA 4

Protection: Dust-tight and water resistant (with electrical connector)

Mounting: M3 x 0.5 20mm long flathead mounting screws (2)

Wetted Materials: Elastomers: EPDM, FKM, NBR
Operator: 300 and 400 Series Stainless Steel and Brass
Shading Ring: Copper (AC Only)
Springs: 300 Series Stainless Steel
Valve Body: Glass-Filled Polyester

Coil Data: Duty Cycle: Continuous (within specifications)
Encapsulation: Glass-Filled Nylon
Insulation: Class F
Power Rating: 6.5 Watt VDC, 8.5 VAC (others available on request)
Voltage: 6, 12, 24 VDC
24, 120, 220, 240 VAC 50/60 Hz
Voltage Tolerance: +/- 10% Nominal
Winding: Class H

Connections: Spades: Terminals AMP 6.3x0.8 width 11mm (Available in DIN Style "A" EN175301-803 for 3.0mm orifice or larger)
Flying Lead: PVC 22 AWG, Multi-Strand Copper Wire, 300V, 12" minimum length

Packaged Weight: 0.20 lbs.

FUNCTION

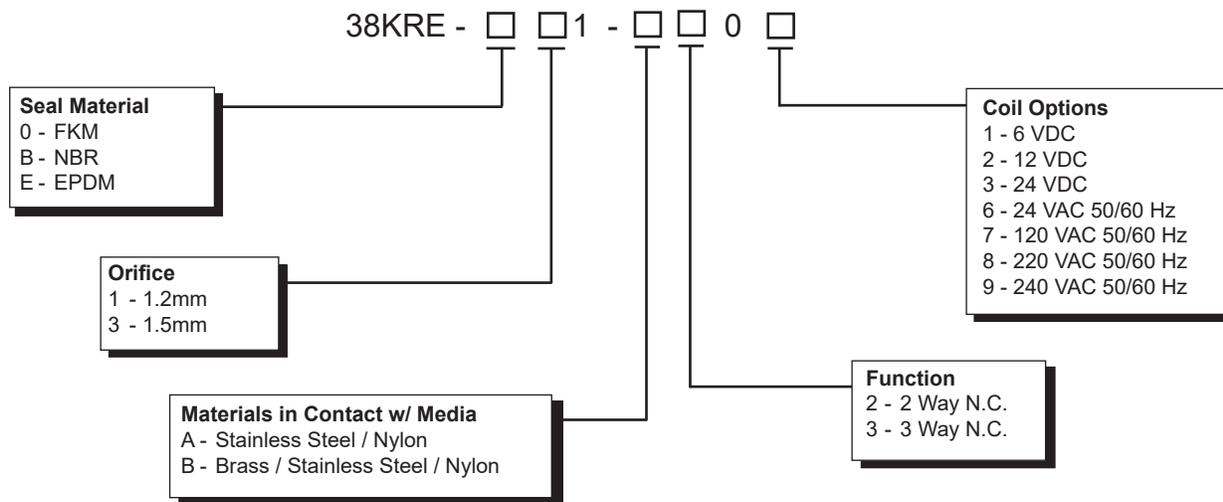
ORIFICE SIZE / VOLTAGE

	1.2mm	1.5mm
2/2 NC	150	150
3/2 NC	150	150

MAX. PRESSURE RANGE (psi)

SOLENOID OPERATORS

How To Order



Order Example: 38KRE-011-B201
FKM, 1.2mm Orifice, Brass/ Stainless Steel / Nylon, 2 Way N.C., 6 VDC