






SOLENOID COMPARISON (C-Series)

DIN Connection (-HC)

Standard vs. C8 and C8P

| <i>Current- Standard</i> | NEW- C8 | NEW- C8P |
|---|--|---|
|  |  |  |
| Shown CSG-4222-HC-Voltage | Shown CSG-4222-C8-C14-HC-Voltage | Shown CSG-4222-C8P-C14-HC-Voltage |

| SOLENOID MATERIALS | | | |
|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| Solenoid Housing Material | Engineered Polymer | Engineered Polymer | Engineered Polymer |
| Solenoid Cap | Aluminum | Aluminum | Engineered Polymer |
| Solenoid Sleeve | Screw type | Flange/plate mount | Flange/plate mount |
| Solenoid Seal Material | NBR | FKM | FKM |
| Coil | Epoxy Molded | Epoxy Molded | Epoxy Molded |
| SOLENOID SPECIFICATION | | | |
| Solenoid Pressure Range* | 0-150 PSI 0-10.3 bar | 0-150 PSI 0-10.3 bar | 0-150 PSI 0-10.3 bar |
| Media | Air - Inert Gas Natural Gas | Air - Inert Gas Natural Gas | Air - Inert Gas Natural Gas |
| Temperature Rating | -4°F to 104°F -20°C to 40°C | -4°F to 122°F -20°C to +50°C | -4°F to 122°F -20°C to +50°C |
| Voltage Range | 12VDC to 240VAC | 12VDC to 240VAC | 12VDC to 240VAC |
| Power Consumption | AC: 11.8 VA DC: 10.5 WATTS | AC: 7.9 VA DC: 5.9 WATTS | AC: 7.9 VA DC: 5.9 WATTS |
| Duty Cycle | Continuous | Continuous | Continuous |
| Coil Class | F | F | F |
| IP Rating | IP65 | IP65 | IP65 |
| Agency Approval | CSA, UL (AC Voltage Only) | cRUus Both AC & DC Voltages | cRUus Both AC & DC Voltages |
| AC/DC Coil Interchangeability | No | Yes | Yes |

*Solenoid pressure range 0-150 PSI. Valve pressure range, side ported 25-115 PSI, manifold mount 25-150 PSI.



Note: Available on C5/C7 side-porting, manifold and NAMUR mounting, 1/8" and 1/4" NPT or G thread, single and double solenoid, 2 and 3-positions valves.



SOLENOID COMPARISON (C-Series)

1/2" Conduit Connection (-228L)

Standard vs. C8 and C8P

| | <i>Current- Standard</i> | NEW- C8 | NEW- C8P |
|--|---|--|---|
| |  |  |  |
| | Shown CSG-4222-228L-Voltage | Shown CSG-4222-C8-C14-228L-Voltage | Shown CSG-4222-C8P-C14-228L-Voltage |

| SOLENOID MATERIALS | | | |
|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| Solenoid Housing Material | Engineered Polymer | Engineered Polymer | Engineered Polymer |
| Solenoid Cap | Aluminum | Aluminum | Engineered Polymer |
| Solenoid Sleeve | Screw type | Flange/plate mount | Flange/plate mount |
| Solenoid Seal Material | NBR | FKM | FKM |
| Coil | Epoxy Molded | Epoxy Molded | Epoxy Molded |
| SOLENOID SPECIFICATION | | | |
| Solenoid Pressure Range* | 0-150 PSI 0-10.3 bar | 0-150 PSI 0-10.3 bar | 0-150 PSI 0-10.3 bar |
| Media | Air - Inert Gas Natural Gas | Air - Inert Gas Natural Gas | Air - Inert Gas Natural Gas |
| Temperature Rating | -4°F to 104°F -20°C to 40°C | 14°F to 122°F -10°C TO +50°C | 14°F to 122°F -10°C TO +50°C |
| Voltage Range | 12VDC to 240VAC | 12VDC to 240VAC | 12VDC to 240VAC |
| Power Consumption | AC: 11.7 VA DC: 10.5 WATTS | AC: 7.9 VA DC: 5.9 WATTS | AC: 7.9 VA DC: 5.9 WATTS |
| Duty Cycle | Continuous | Continuous | Continuous |
| Coil Class | F | F | F |
| IP Rating | IP65 | IP65 | IP65 |
| Agency Approval | NA | NA | NA |
| AC/DC Coil Interchangeability | No | Yes | Yes |

*Solenoid pressure range 0-150 PSI. Valve pressure range, side ported 25-115 PSI, manifold mount 25-150 PSI.

Note: Available on C5/C7 side-porting, manifold and NAMUR mounting, 1/8" and 1/4" NPT or G thread, single and double solenoid, 2 and 3-positions valves.



SOLENOID COMPARISON (C-Series)

Flying Leads Connection (-243)

Standard vs. C8 and C8P

| Current- Standard | NEW- C8 | NEW- C8P |
|--|--|--|
|  Shown CSG-4222-243-Voltage |  Shown CSG-4222-C8-C14-243-Voltage |  Shown CSG-4222-C8P-C14-243-Voltage |

| SOLENOID MATERIALS | | | |
|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| Solenoid Housing Material | Engineered Polymer | Engineered Polymer | Engineered Polymer |
| Solenoid Cap | Aluminum | Aluminum | Engineered Polymer |
| Solenoid Sleeve | Screw type | Flange/plate mount | Flange/plate mount |
| Solenoid Seal Material | NBR | FKM | FKM |
| Coil | Epoxy Molded | Epoxy Molded | Epoxy Molded |
| SOLENOID SPECIFICATION | | | |
| Solenoid Pressure Range* | 0-150 PSI 0-10.3 bar | 0-150 PSI 0-10.3 bar | 0-150 PSI 0-10.3 bar |
| Media | Air - Inert Gas Natural Gas | Air - Inert Gas Natural Gas | Air - Inert Gas Natural Gas |
| Temperature Rating | -4°F to 104°F -20°C to 40°C | 14°F to 122°F -10°C TO +50°C | 14°F to 122°F -10°C TO +50°C |
| Voltage Range | 12VDC to 240VAC | 12VDC to 240VAC | 12VDC to 240VAC |
| Power Consumption | AC: 11.7 VA DC: 10.5 WATTS | AC: 7.9 VA DC: 5.9 WATTS | AC: 7.9 VA DC: 5.9 WATTS |
| Duty Cycle | Continuous | Continuous | Continuous |
| Coil Class | F | F | F |
| IP Rating | IP65 | IP65 | IP65 |
| Agency Approval | N/A | cRUus Both AC & DC Voltages | cRUus Both AC & DC Voltages |
| AC/DC Coil Interchangeability | No | Yes | Yes |

*Solenoid pressure range 0-150 PSI. Valve pressure range, side ported 25-115 PSI, manifold mount 25-150 PSI.

Note: Available on C5/C7 side-ported, manifold and NAMUR mounting, 1/8" and 1/4" NPT or G thread, single and double solenoid, 2 and 3-positions valves.