

Cycle Switch for Natural Gas Compressors

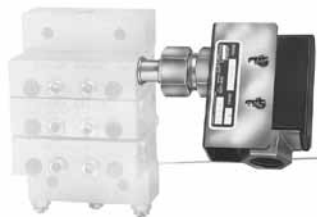
Designed to work with Lincoln MC, MC² HP valves as well as with other brands. Simple installation reduces labor costs. Features captured magnet assembly and hall effect switch.

Cycle Switch with Shutdown Feature

- Lower-cost, stand-alone solution
- Shut down protection for “no flow” conditions is factory set at two minutes
- Operates from 5-30 VDC for increased reliability



| Part No. | Description | Power Req. | Maximum Working Pressure | Temperature Range | Material | EX Rating |
|----------|--|--------------------------|--------------------------|--------------------------------|---|--|
| 249123 | Hall Effect/Cycle Switch with Shutdown for Lincoln MC ² -HP series block | 5 to 30 VDC, 100 UA max. | 7500 psi | -40°C to 85°C (-40°F to 185°F) | Aluminum Housing, Stainless Steel Magnet Assembly | Approval pending for Class I, Groups A, B, C & D, Div. 1 & 2 CE, II 3G Ex Na IIA |
| 249124 | Hall Effect/Cycle Switch with Shutdown for Lincoln UV and Graco Lubriquip®-Manzel MHP series style block | | | | | |



Cycle Switch

Cycle Switch attaches to valve with cycle indicator pin, sends electrical signal to controller.

| Model | Switch Type | Switch Capacity | Conduit Connector |
|-------|-------------|---|-------------------|
| 87070 | SPDT | 15 Amps @ 125/250 VAC 0.5 Amps @ 125 VDC | ½" - 14 NPSM |



Cycle Counter

Cycle Counter attaches to valve with cycle indicator pin, counts and records cycles.

| Model | Maximum Counts |
|-------|----------------|
| 87828 | 99,999 |



Proximity Switch

Cycle Switch for Natural Gas Compressors

| Model | Block Style | Switch Type | Switch Capacity | CSA Certification | Conduit Connector |
|--------|--------------------|-------------|--------------------------------|---|-------------------|
| 85651 | UV | SPST | 10 Watts 200 VDC 0.5 Amp | Class I, Group A, B, C & D / Class II, Group E, F & G Hazardous Locations | ½" NPT(F) |
| 87617* | MC | | | | |
| 87618 | XL Size 03 thru 12 | | | | |

*Can be used with Model 87630 Datalogger Lubrication Monitor



External Singling/Cross Port Kit

External Cross Port Kit connects alternate outlet ports to combine the volume of two divider valves through a single outlet.

| Model | Block Type | Application/Usage |
|-------|------------|----------------------|
| 87905 | MC | Single and Crossport |
| 87823 | XL | Crossport |
| 87824 | XL | Singling |
| 87825 | UV | Crossport |

Balancing Valve

Model 87865 Balancing Valve is used when back pressure differential between divider valve outlets exceeds 1000 psi (68 bar).

| Model | Pressure Adjustment | | | | Inlet/Outlet | Seal Material |
|-------|---------------------|-----|------|-----|--------------|---------------|
| | Min | | Max | | | |
| | psig | bar | psig | bar | | |
| 87865 | 250 | 17 | 6000 | 408 | ½" NPTF(F) | Viton® |





Mounting Bracket

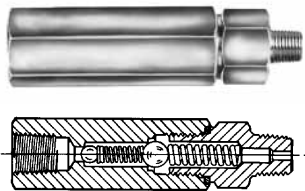
Model 250286 (UV) and Model 360675 (MC) Mounting Brackets—

Mount divider valve assembly off the face of vertical surfaces. Use two brackets per divider valve assembly.

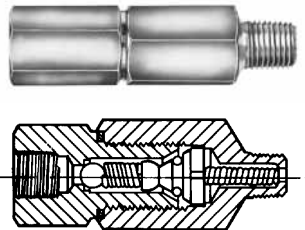
Check Valves

Check valves maintain prime in feed lines and check back pressure from pressurized lubrication points.

Double Ball, Straight

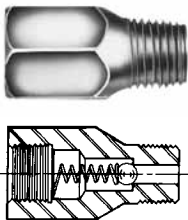


| Model | Pressure | | Inlet | Outlet | Hex Material | Hex Inlet-in. | Hex Outlet-in. | Length in./mm |
|----------|---------------------|-------------------|------------------|------------------|-----------------|---------------|----------------|---------------|
| | Max | Opening | | | | | | |
| 880511 | 8000 psig / 550 bar | 145 psig / 10 bar | 1/4" NPTF(F) | 1/4" NPTF(M) | Carbon Steel | 13/16" | 3/4" | 3.72/94.5 |
| 880518-9 | | | 316 S.S. | 3.75/95.3 | | | | |
| 880517 | | | Carbon Steel | 3.31 / 84.1 | | | | |
| 880519-9 | | | 316 S.S. | | | | | |
| 880015-9 | 5000 psig / 340 bar | 80 psig / 6 bar | 3/16"-18 UNF (M) | 7/16"-20 UNF (M) | Stainless Steel | 3/4" | | 2.75/70 |



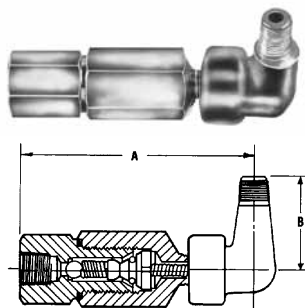
Ball & Poppet, Straight

| Model | Pressure | | Inlet | Outlet | Hex Material | Hex Inlet-in. | Hex Outlet-in. | Length in./mm |
|--------|---------------------|-------------------|--------------|--------------|--------------|---------------|----------------|---------------|
| | Max | Opening | | | | | | |
| 880513 | 2000 psig / 140 bar | 50 psig / 3.5 bar | 1/8" NPTF(F) | 1/8" NPTF(M) | Carbon Steel | 3/4" | 13/16" | 2.75 / 70.0 |
| 880514 | | | 1/4" NPTF(F) | 1/4" NPTF(M) | | | | 3.06 / 77.7 |



Ball Type, Straight

| Model | Pressure | | Inlet | Outlet | Hex Material | Hex in. | Length in./mm |
|----------|---------------------|------------------------|--------------|--------------|--------------|---------|---------------|
| | Max | Opening | | | | | |
| 87817 | 7500 psig / 500 bar | 20-70 psig / 1.5-5 bar | 1/4" NPTF(M) | 1/4" NPSF(F) | Carbon Steel | 11/16" | 1.38/35.1 |
| 87818 | | | 1/8" NPTF(M) | 1/8" NPTF(F) | | | 1.19/30.2 |
| 130021-3 | 6000 psig / 400 bar | 31-70 psig / 2-5 bar | 1/8" NPTF(F) | 1/8" NPTF(M) | Carbon Steel | 1/2" | 1.06/27.0 |



Ball & Poppet, 90°

| Model | Pressure | | Inlet | Outlet | Hex Material | Hex Inlet-in. | Hex Outlet-in. | Dimensions in. / mm | |
|--------|---------------------|-------------------|--------------|--------------|--------------|---------------|----------------|---------------------|-------------|
| | Max | Opening | | | | | | A | B |
| 880515 | 2000 psig / 140 bar | 50 psig / 3.5 bar | 1/8" NPTF(F) | 1/8" NPTF(M) | Carbon Steel | 3/4" | 13/16" | 3.38 / 86 | 1.25 / 31.8 |