

MJP Cylinder and Actuator Parts

Bushings, seals and sensors

| Part No | Description |
|---------|-------------|
|---------|-------------|

Cylinders



In all correspondence, always note the **SH-number** stamped onto the cylinder; **SH-xxxx**
This is each cylinders unique ID.



Bushings

- 35011** Bushing to cylinder 63/40 OILES
- 35018** Bushing to cylinder 80/50 OILES
- 35027** Bushing (sphere) to piston for 80/50 cyl.



Piston Head and bronze bushing 35027

Seal Kits (complete set of seals to one cylinder)

- 41741** Cylinder 50/35 Trim tab / interceptor
- 41701** Cylinder 63/40 Steer/rev 450 - all steering units
- 41711** Cylinder 80/50 Steer/rev 500/550/650 - all steering units
- 41711** Cylinder 80/50 Steer/rev 750 - steering unit Mk1
- 41769** Cylinder 100/60 Steer/rev 750 - steering unit Mk2/Mk3
- 41742** Cylinder 100/60 Steer 750 - steer. unit Mk4, 850 Mk2
- 41712** Cylinder 125/80 Rev 750 - steer. unit Mk4, 850 Mk2



Cylinder seal kit

Potentiometer sensors

- 41752** Sensor potentiometer 6302 100 mm (trim tabs)
- 41753** Sensor potentiometer 6303 150 mm (reverse 500)
- 41754** Sensor potentiometer 6304 200 mm (steer 500, rev. 650, 750)
- 41755** Sensor potentiometer 6305 250 mm (steer. 650, 750)
- 41756** Sensor potentiometer 6306 300 mm



Potentiometer sensor

To modified cylinders - from potentiometer to P&G VRVT sensor

- 41750** Sensor VRVT -special 100 mm, w/o cable
- 41751** Sensor VRVT -special 113 mm, w/o cable
- 41759** Sensor VRVT -special 124 mm, w/o cable
- 41757** Sensor VRVT -special 161 mm, w/o cable
- 41771** Sensor VRVT -special 180 mm, w/o cable
- 41775** Sensor VRVT -special 230 mm, w/o cable



Sensor VRVT w/o cable. Used in modified cylinders, with contacted cable part no: 71601 and 71602

P&G VRVT Sensors

- 41770** Sensor VRVT 100 mm, 5m cable
- 41772** Sensor VRVT 128 mm, 5m cable
- 41773** Sensor VRVT 130 mm, 5m cable
- 41774** Sensor VRVT 150 mm, 5m cable
- 41776** Sensor VRVT 180 mm, 5m cable
- 41779** Sensor VRVT 190 mm, 5m cable
- 41777** Sensor VRVT 230 mm, 5m cable
- 41778** Sensor VRVT 263 mm, 5m cable



Sensor VRVT with 5m cable. Used with contact w/o cable. Part no: 71239

VRVT Amplifiers

- 41761** P&G Electronic Module VRVT EM-10 - for all strokes
- 41818** MJP Electronic Module VRVT 180
- 41821** MJP Electronic Module VRVT 100
- 41822** MJP Electronic Module VRVT 230
- 41823** MJP Electronic Module VRVT 263



P&G Electronic Module VRVT Part no: 41761



MJP Electronic Module VRVT

RCL Sensors

- 41802** Sensor RCL incl. amplifier 100 mm
- 41803** Sensor RCL incl. amplifier 150 mm
- 41804** Sensor RCL incl. amplifier 200 mm
- 41805** Sensor RCL incl. amplifier 250 mm
- 41806** Sensor RCL incl. amplifier 300 mm
- 41807** Sensor RCL incl. amplifier 350 mm
- 41827** Sensor GYKM (extern.) 115 mm (some 550 Mk2)
- 41825** Sensor GYKM (extern.) 140 mm (450 DRB)
- 41826** Sensor GYKM (extern.) 160 mm (450 DRB)



Sensor GYKM



Sensor RCL

MJP Cylinder and Actuator Parts

Cylinder contacts and cables

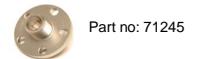
| Part No | Description |
|---------|-------------|
|---------|-------------|

Bayonet contacts and cables

| | | |
|-------|---|--------------------|
| 71239 | Contact, w/o cable | bayonet |
| 71243 | Cylinder contact (for trim tab cylinder 50/35 and cylinder 80/50 with potentiometer) | bayonet |
| 71601 | Contacted Cable, 5m | with contact 71239 |

Threaded contacts and cables

| | | |
|-------|---------------------|----------------------------|
| 71245 | Cylinder contact | threaded , male |
| 71602 | Contacted Cable, 5m | c/w threaded contact 71245 |



Parts for Rotary Actuator LDK 200LD, 400D and 400LD 90

| Part No | Description |
|---------|-------------|
|---------|-------------|

| | | |
|-------|---|-------------------|
| 40601 | Seal Kit for 200 LD | |
| 40621 | Seal Kit for 400 LDK | |
| 71230 | Rotary potentiometer | IP 6501 |
| 71233 | Spring Coil | |
| 71234 | Contact (90°) | to part no: 71600 |
| 71600 | Contacted Cable (with threaded female contact) | |
| 90200 | Hollow Cable | l=3500 / 3950mm |
| 90201 | Hollow Cable | l=2500 / 2950mm |
| 90202 | Hollow Cable | l=2290 / 2780 mm |
| 90203 | Hollow Cable | l=1300 / 1750 mm |
| 90204 | Hollow Cable | l=2550 / 3050 |
| 90205 | Hollow Cable (Other lengths upon request) | l=6000 / 6500 mm |



MJP Control System Parts

Computer modules, general boards

| Part No | Description |
|---------|-------------|
|---------|-------------|

| | | | |
|-------------|-------------------------|-------------------------------|----------------------------|
| AWT-255-054 | Central Unit | SMART I/O Base | 19094 |
| AWT-255-055 | Expand Unit | SMART 2 Base | 19095 |
| AWT-255-056 | Interface Unit | SM-ADC1 6 An. Input (+/- 10V) | 19096 |
| AWT-255-057 | Interface Unit | SM-ADC1 6 An. Input (0-20mA) | 19097 |
| AWT-255-058 | Interface Unit | SM-DAC1 6 An. Input (0-20mA) | 19100 |
| AWT-255-059 | Interface Unit | SM-DOU1 1 8 Dig. Out (24V) | 19098 |
| AWT-255-060 | Interface Unit | SM-DIN1 8 Dig. In (24V) | 19099 |
| AWT-255-067 | Battery | SM-BATTERY-E2 | |
| AWT-280-109 | Alarm Command Board | | 2017-00- |
| AWT-270-200 | Dimmer Controller | | 2016-00- |
| AWT-265-025 | Engine Controller Board | | 2065- / 2066-00-0 (pt/stb) |
| AWT-280-111 | Indicator Unit | (trim tab / interceptor) | |
| AWT-200-550 | Indicator Board | (trim tab / interceptor) | 2032-00-0 |
| AWT-280-116 | Indicator Unit Mk1 | (nozzle/bucket) | (blue coloured) |
| AWT-280-115 | Indicator Unit Mk2 | (nozzle/bucket) | (black coloured) |
| AWT-160-015 | Indicator Board | | 2030- / 2031-00-0 (pt/stb) |
| AWT-160-014 | Indicator Drive Board | | 2030-00-0 |

