

# POWER PACKS COMPACT speaking code

**E60403010**

External Manifolds

**SD03A2 24DC**

External Valves

**E60543006**

Accessories

## External Manifolds & Accessories

| code               | description                               |
|--------------------|-------------------------------------------|
| <b>N50403007DN</b> | base manifold for SD02 stackable valves   |
| <b>M60403004</b>   | 23mm spacer subplate                      |
| <b>M60403005</b>   | 90° rotation manifold                     |
| <b>M60403009</b>   | additional single acting manifold         |
| <b>M60403010</b>   | NG3 MICRO parallel block lateral ports    |
| <b>M60413001</b>   | NG3 MICRO manifold with p.o. check valves |
| <b>PM04M</b>       | hand pump 4 cc/stroke                     |
| <b>PM09M</b>       | hand pump 8,8 cc/stroke                   |
| <b>M60403008E</b>  | PPM to PPC base converter                 |

| code               | description                                   |
|--------------------|-----------------------------------------------|
| <b>E60403006DN</b> | base manifold for SD02 stackable valves       |
| <b>E60403008M</b>  | PPC to PPM base converter                     |
| <b>E60403004</b>   | 28mm spacer subplate                          |
| <b>E60403004CV</b> | 28mm spacer subplate + check valve            |
| <b>E60403002</b>   | 49mm 90° rotation manifold                    |
| <b>E60403005DF</b> | 90° rotation manifold double face             |
| <b>E60403009</b>   | additional single acting manifold             |
| <b>E60403001</b>   | NG6 (Cetop3) parallel block rear ports        |
| <b>E60403010</b>   | NG6 (Cetop3) parallel block 3/8 lateral ports |
| <b>E60403011</b>   | NG6 (Cetop3) series block 3/8 lateral ports   |
| <b>E60403012</b>   | NG6 (Cetop3) parallel block 1/4 lateral ports |
| <b>E60413001</b>   | NG6 (Cetop3) manifold with p.o. check valves  |
| <b>E60403020</b>   | spin-on return line filter manifold           |
| <b>E60403025</b>   | pressure line filter manifold                 |
| <b>PM04</b>        | hand pump 4 cc/stroke                         |
| <b>PM09</b>        | hand pump 8,8 cc/stroke                       |
| <b>E60403030</b>   | SAE08 2-way cartridge manifold block          |
| <b>E60403031</b>   | SAE08 3-way cartridge manifold block          |

| Manifold blocks option |                                           |
|------------------------|-------------------------------------------|
| <b>US</b>              | SAE06 exit ports for North America market |

| code              | description                                |
|-------------------|--------------------------------------------|
| <b>MUR6360EM</b>  | pressure gauge 60bar                       |
| <b>MUR63160EM</b> | pressure gauge 160bar                      |
| <b>MUR63250EM</b> | pressure gauge 250bar                      |
| <b>MUR63315EM</b> | pressure gauge 315bar                      |
| <b>PSL01S0100</b> | pressure switch 10÷100bar                  |
| <b>PSL01S0300</b> | pressure switch 50÷300bar                  |
| <b>PSH01S0100</b> | pressure switch 10÷100bar high performance |
| <b>PSH01S0300</b> | pressure switch 50÷300bar high performance |

| code             | description                               |
|------------------|-------------------------------------------|
| <b>P0201</b>     | remote 2 buttons control box              |
| <b>P0202</b>     | remote 4 buttons control box              |
| <b>VPC00</b>     | PWM driver for proportional valves        |
| <b>E60543003</b> | foot mounting support PPM                 |
| <b>E60543006</b> | foot mounting support PPC/EPB             |
| <b>E60543007</b> | foot mounting support PPC/EPB - tall type |

| code              | description                                  |
|-------------------|----------------------------------------------|
| <b>VUR01C</b>     | in-line check valve 1/4" BSPP                |
| <b>VUR02C</b>     | in-line check valve 3/8" BSPP                |
| <b>VURSAE06C</b>  | in-line check valve 9/16-18UNF               |
| <b>STU01</b>      | in-line unidirectional flow valve 1/4" BSPP  |
| <b>STU02</b>      | in-line unidirectional flow valve 3/8" BSPP  |
| <b>STUSAE06</b>   | in-line unidirectional flow valve 9/16-18UNF |
| <b>STB01</b>      | in-line bidirectional flow valve 1/4" BSPP   |
| <b>STB02</b>      | in-line bidirectional flow valve 3/8" BSPP   |
| <b>STBSAE06</b>   | in-line bidirectional flow valve 9/16-18UNF  |
| <b>BFCSAE0801</b> | in-line mounting SAE08 manifold 1/4"BSPP     |
| <b>BFCSAE0802</b> | in-line mounting SAE08 manifold 3/8"BSPP     |
| <b>BMPPC02</b>    | base for Hydronit modular blocks             |

## External Valves

| code            | description                                                            |
|-----------------|------------------------------------------------------------------------|
| <b>SD02C2RP</b> | stackable directional valve 4/3 H center + p. o. check valves          |
| <b>SD02E2RP</b> | stackable directional valve 4/3 center A-B to T + p. o. check valves   |
| <b>SD02A2TP</b> | stackable dir. v. 4/3 center P to T + cav. SAE08 for additional valves |
| <b>SD02B2TP</b> | stackable dir. v. 4/3 closed center + cav. SAE08 for additional valves |
| <b>SD02C2TP</b> | stackable dir. v. 4/3 H center + cav. SAE08 for additional valves      |
| <b>SD02E2TP</b> | stackable dir. v. 4/3 center A-B to T + SAE08 for additional valves    |

| code              | description                                        |
|-------------------|----------------------------------------------------|
| <b>SD03ALC11C</b> | NG6 (cetop3) directional valve 4/2                 |
| <b>SD03LCA2</b>   | NG6 (cetop3) directional valve 4/3 center P to T   |
| <b>SD03LCB2</b>   | NG6 (cetop3) directional valve 4/3 closed center   |
| <b>SD03LCC2</b>   | NG6 (cetop3) directional valve 4/3 H center        |
| <b>SD03LCE2</b>   | NG6 (cetop3) directional valve 4/3 center A-B to T |

| code             | description                                                        |
|------------------|--------------------------------------------------------------------|
| <b>HD03LCA1</b>  | NG6 (cetop3) manual directional valve spring centred P to T        |
| <b>HD03LCA2</b>  | NG6 (cetop3) manual directional valve spring centred closed centre |
| <b>HD03LCA3</b>  | NG6 (cetop3) manual directional valve spring centred H centre      |
| <b>HD03LCA4</b>  | NG6 (cetop3) manual directional valve spring centred A-B to T      |
| <b>HD03LCB1</b>  | NG6 (cetop3) manual directional valve with detent, centre P to T   |
| <b>HD03LCB2</b>  | NG6 (cetop3) manual directional valve with detent, closed centre   |
| <b>HD03LCB3</b>  | NG6 (cetop3) manual directional valve with detent, H centre        |
| <b>HD03LCB4</b>  | NG6 (cetop3) manual directional valve with detent, centre A-B to T |
| <b>E60424001</b> | NG6 (cetop3) sandwich type modular relief valve on A & B           |
| <b>E60424002</b> | NG6 (cetop3) sandwich type modular relief valve on A               |
| <b>E60424003</b> | NG6 (cetop3) sandwich type modular relief valve on B               |
| <b>E60433001</b> | NG6 (cetop3) sandwich type modular throttle valve on A & B         |
| <b>E60433002</b> | NG6 (cetop3) sandwich type modular throttle valve on A             |
| <b>E60433003</b> | NG6 (cetop3) sandwich type modular throttle valve on B             |
| <b>E60453001</b> | NG6 (cetop3) sandwich type modular overcentre valve on A & B       |
| <b>E60483001</b> | NG6 (cetop3) sandwich type pressure reducing valve on P            |
| <b>E60483002</b> | NG6 (cetop3) sandwich type pressure reducing valve on A            |
| <b>E60483003</b> | NG6 (cetop3) sandwich type pressure reducing valve on B            |

| Solenoid valves coils voltages |                                   |
|--------------------------------|-----------------------------------|
| <b>12DC</b>                    | 12V direct current                |
| <b>24DC</b>                    | 24V direct current                |
| <b>24AC</b>                    | 24V alternate current 50 or 60Hz  |
| <b>115AC</b>                   | 115V alternate current 50 or 60Hz |
| <b>230AC</b>                   | 230V alternate current 50 or 60Hz |

Note: not all the voltages are available on some valves codes

# POWER PACKS MICRO speaking code

**M60403010**

External Manifolds

**SD00A2 24DC**

External Valves

**E60543003**

Accessories

## External Manifolds & Accessories

| code               | description                               |
|--------------------|-------------------------------------------|
| <b>N50403007DN</b> | base manifold for SD02 stackable valves   |
| <b>M60403004</b>   | 23mm spacer subplate                      |
| <b>M60403005</b>   | 90° rotation manifold                     |
| <b>M60403039</b>   | additional single acting manifold         |
| <b>M60403010</b>   | NG3 MICRO parallel block lateral ports    |
| <b>M60413001</b>   | NG3 MICRO manifold with p.o. check valves |
| <b>PM04M</b>       | hand pump 4 cc/stroke                     |
| <b>PM09M</b>       | hand pump 8,8 cc/stroke                   |
| <b>M60403008E</b>  | PPM to PPC base converter                 |

| code               | description                                  |
|--------------------|----------------------------------------------|
| <b>E60403006DN</b> | base manifold for SD02 stackable valves      |
| <b>E60403008M</b>  | PPC to PPM base converter                    |
| <b>E60403004</b>   | 28mm spacer subplate                         |
| <b>E60403004CV</b> | 28mm spacer subplate + check valve           |
| <b>E60403002</b>   | 49mm 90° rotation manifold                   |
| <b>E60403005DF</b> | 90° rotation manifold double face            |
| <b>E60403039</b>   | additional single acting manifold            |
| <b>E60403001</b>   | NG6 (Cetop3) parallel block rear ports       |
| <b>E60403010</b>   | NG6 (Cetop3) parallel block lateral ports    |
| <b>E60403011</b>   | NG6 (Cetop3) series block lateral ports      |
| <b>E60413001</b>   | NG6 (Cetop3) manifold with p.o. check valves |
| <b>E60403020</b>   | spin-on return line filter manifold          |
| <b>E60403025</b>   | pressure line filter manifold                |
| <b>PM04</b>        | hand pump 4 cc/stroke                        |
| <b>PM09</b>        | hand pump 8,8 cc/stroke                      |
| <b>E60403030</b>   | SAE08 2-way cartridge manifold block         |
| <b>E60403031</b>   | SAE08 3-way cartridge manifold block         |

| Manifold blocks option |                                           |
|------------------------|-------------------------------------------|
| <b>US</b>              | SAE06 exit ports for North America market |

| code              | description                                |
|-------------------|--------------------------------------------|
| <b>MIR6360</b>    | pressure gauge 60bar                       |
| <b>MIR63160</b>   | pressure gauge 160bar                      |
| <b>MIR63250</b>   | pressure gauge 250bar                      |
| <b>MIR63315</b>   | pressure gauge 315bar                      |
| <b>PSL01S0100</b> | pressure switch 10÷100bar                  |
| <b>PSL01S0300</b> | pressure switch 50÷300bar                  |
| <b>PSH01S0100</b> | pressure switch 10÷100bar high performance |
| <b>PSH01S0300</b> | pressure switch 50÷300bar high performance |

| code             | description                        |
|------------------|------------------------------------|
| <b>P0201</b>     | remote 2 buttons control box       |
| <b>P0202</b>     | remote 4 buttons control box       |
| <b>VPC00</b>     | PWM driver for proportional valves |
| <b>E60543003</b> | foot mounting support PPM          |

| code              | description                                  |
|-------------------|----------------------------------------------|
| <b>VUR01C</b>     | in-line check valve 1/4" BSPP                |
| <b>VUR02C</b>     | in-line check valve 3/8" BSPP                |
| <b>VURSAE06C</b>  | in-line check valve 9/16-18UNF               |
| <b>STU01</b>      | in-line unidirectional flow valve 1/4" BSPP  |
| <b>STU02</b>      | in-line unidirectional flow valve 3/8" BSPP  |
| <b>STUSAE06</b>   | in-line unidirectional flow valve 9/16-18UNF |
| <b>STB01</b>      | in-line bidirectional flow valve 1/4" BSPP   |
| <b>STB02</b>      | in-line bidirectional flow valve 3/8" BSPP   |
| <b>STBSAE06</b>   | in-line bidirectional flow valve 9/16-18UNF  |
| <b>BFCSAE0801</b> | in-line mounting SAE08 manifold 1/4"BSPP     |
| <b>BFCSAE0802</b> | in-line mounting SAE08 manifold 3/8"BSPP     |

## External Valves

| code            | description                                                            |
|-----------------|------------------------------------------------------------------------|
| <b>SD02C2RP</b> | stackable directional valve 4/3 H center + p. o. check valves          |
| <b>SD02E2RP</b> | stackable directional valve 4/3 center A-B to T + p. o. check valves   |
| <b>SD02A2TP</b> | stackable dir. v. 4/3 center P to T + cav. SAE08 for additional valves |
| <b>SD02B2TP</b> | stackable dir. v. 4/3 closed center + cav. SAE08 for additional valves |
| <b>SD02C2TP</b> | stackable dir. v. 4/3 H center + cav. SAE08 for additional valves      |
| <b>SD02E2TP</b> | stackable dir. v. 4/3 center A-B to T + SAE08 for additional valves    |

| code             | description                                        |
|------------------|----------------------------------------------------|
| <b>SD03ALC11</b> | NG6 (cetop3) directional valve 4/2                 |
| <b>SD03LCA2</b>  | NG6 (cetop3) directional valve 4/3 center P to T   |
| <b>SD03LCB2</b>  | NG6 (cetop3) directional valve 4/3 closed center   |
| <b>SD03LCC2</b>  | NG6 (cetop3) directional valve 4/3 H center        |
| <b>SD03LCE2</b>  | NG6 (cetop3) directional valve 4/3 center A-B to T |

| code             | description                                                        |
|------------------|--------------------------------------------------------------------|
| <b>HD03LCA1</b>  | NG6 (cetop3) manual directional valve spring centred P to T        |
| <b>HD03LCA2</b>  | NG6 (cetop3) manual directional valve spring centred closed centre |
| <b>HD03LCA3</b>  | NG6 (cetop3) manual directional valve spring centred H centre      |
| <b>HD03LCA4</b>  | NG6 (cetop3) manual directional valve spring centred A-B to T      |
| <b>HD03LCD1</b>  | NG6 (cetop3) manual directional valve with detent, centre P to T   |
| <b>HD03LCD2</b>  | NG6 (cetop3) manual directional valve with detent, closed centre   |
| <b>HD03LCD3</b>  | NG6 (cetop3) manual directional valve with detent, H centre        |
| <b>HD03LCD4</b>  | NG6 (cetop3) manual directional valve with detent, centre A-B to T |
| <b>E60424001</b> | NG6 (cetop3) sandwich type modular relief valve on A & B           |
| <b>E60424002</b> | NG6 (cetop3) sandwich type modular relief valve on A               |
| <b>E60424003</b> | NG6 (cetop3) sandwich type modular relief valve on B               |
| <b>E60433001</b> | NG6 (cetop3) sandwich type modular throttle valve on A & B         |
| <b>E60433002</b> | NG6 (cetop3) sandwich type modular throttle valve on A             |
| <b>E60433003</b> | NG6 (cetop3) sandwich type modular throttle valve on B             |
| <b>E60453001</b> | NG6 (cetop3) sandwich type modular overcentre valve on A & B       |
| <b>E60483001</b> | NG6 (cetop3) sandwich type pressure reducing valve on P            |
| <b>E60483002</b> | NG6 (cetop3) sandwich type pressure reducing valve on A            |
| <b>E60483003</b> | NG6 (cetop3) sandwich type pressure reducing valve on B            |

| Solenoid valves coils voltages |                                   |
|--------------------------------|-----------------------------------|
| <b>12DC</b>                    | 12V direct current                |
| <b>24DC</b>                    | 24V direct current                |
| <b>24AC</b>                    | 24V alternate current 50 or 60Hz  |
| <b>48DC</b>                    | 24V direct current                |
| <b>115AC</b>                   | 115V alternate current 50 or 60Hz |
| <b>230AC</b>                   | 230V alternate current 50 or 60Hz |

Note: not all the voltages are available on some valves codes