


| Part No. | | MO | Operationalvoltage DC | Operationalvoltage AC 50 Hz | Voltage tolerance DC |
|------------|---|---|--------------------------|--------------------------------|-------------------------|
| 5812592650 |  |  | 24 V | - | -10% / +10% |
| 5812592450 |  | | - | 230 V | - |
| 5812593650 |  | | 24 V | - | -10% / +10% |
| 5812593450 |  | | - | 230 V | - |
| 5812790650 |  | | 24 V | - | -10% / +10% |
| 5812790450 |  | | - | 230 V | - |
| 5812791650 |  | | 24 V | - | -10% / +10% |
| 5812791450 |  | | - | 230 V | - |
| 5812792650 |  | | 24 V | - | -10% / +10% |
| 5812792450 |  | | - | 230 V | - |
| 5812793650 |  | | 24 V | - | -10% / +10% |
| 5812793450 |  | | - | 230 V | - |

| Part No. | Voltage tolerance AC 50 Hz | Power consumption DC | Holding power AC 50 Hz | Switch-on power AC 50 Hz |
|------------|-------------------------------|-------------------------|---------------------------|-----------------------------|
| 5812490650 | - | 2 W | - | - |
| 5812490450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812491650 | - | 2 W | - | - |
| 5812491450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812492650 | - | 2 W | - | - |
| 5812492450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812493650 | - | 2 W | - | - |
| 5812493450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812590650 | - | 2 W | - | - |
| 5812590450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812591650 | - | 2 W | - | - |
| 5812591450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812592650 | - | 2 W | - | - |
| 5812592450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812593650 | - | 2 W | - | - |
| 5812593450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812790650 | - | 2 W | - | - |
| 5812790450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812791650 | - | 2 W | - | - |
| 5812791450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812792650 | - | 2 W | - | - |
| 5812792450 | -10% / +10% | - | 4,8 VA | 7 VA |
| 5812793650 | - | 2 W | - | - |
| 5812793450 | -10% / +10% | - | 4,8 VA | 7 VA |

| Part No. | Pilot | Working pressure min./max. | Compatibility index |
|------------|----------|----------------------------|---------------------|
| 5812490650 | internal | 3 ... 10 bar | 14 |
| 5812490450 | internal | 3 ... 10 bar | 14 |
| 5812491650 | internal | 3 ... 10 bar | 14 |
| 5812491450 | internal | 3 ... 10 bar | 14 |
| 5812492650 | external | -0,95 ... 10 bar | 14 |

| Part No. | Pilot | Working pressure min./max. | Compatibility index |
|------------|----------|----------------------------|---------------------|
| 5812492450 | external | -0,95 ... 10 bar | 14 |
| 5812493650 | external | -0,95 ... 10 bar | 14 |
| 5812493450 | external | -0,95 ... 10 bar | 14 |
| 5812590650 | internal | 3 ... 10 bar | 14 |
| 5812590450 | internal | 3 ... 10 bar | 14 |
| 5812591650 | internal | 3 ... 10 bar | 14 |
| 5812591450 | internal | 3 ... 10 bar | 14 |
| 5812592650 | external | -0,95 ... 10 bar | 14 |
| 5812592450 | external | -0,95 ... 10 bar | 14 |
| 5812593650 | external | -0,95 ... 10 bar | 14 |
| 5812593450 | external | -0,95 ... 10 bar | 14 |
| 5812790650 | internal | 3 ... 10 bar | 14 |
| 5812790450 | internal | 3 ... 10 bar | 14 |
| 5812791650 | internal | 3 ... 10 bar | 14 |
| 5812791450 | internal | 3 ... 10 bar | 14 |
| 5812792650 | external | -0,95 ... 10 bar | 14 |
| 5812792450 | external | -0,95 ... 10 bar | 14 |
| 5812793650 | external | -0,95 ... 10 bar | 14 |
| 5812793450 | external | -0,95 ... 10 bar | 14 |

| Part No. | Electrical connection Pilot valve | Throttle |
|------------|--------------------------------------|---------------|
| 5812490650 | Plug EN 175301-803, form A | - |
| 5812490450 | Plug EN 175301-803, form A | - |
| 5812491650 | Plug EN 175301-803, form A | with throttle |
| 5812491450 | Plug EN 175301-803, form A | with throttle |
| 5812492650 | Plug EN 175301-803, form A | - |
| 5812492450 | Plug EN 175301-803, form A | - |
| 5812493650 | Plug EN 175301-803, form A | with throttle |
| 5812493450 | Plug EN 175301-803, form A | with throttle |
| 5812590650 | Plug EN 175301-803, form A | - |
| 5812590450 | Plug EN 175301-803, form A | - |
| 5812591650 | Plug EN 175301-803, form A | with throttle |
| 5812591450 | Plug EN 175301-803, form A | with throttle |
| 5812592650 | Plug EN 175301-803, form A | - |
| 5812592450 | Plug EN 175301-803, form A | - |
| 5812593650 | Plug EN 175301-803, form A | with throttle |
| 5812593450 | Plug EN 175301-803, form A | with throttle |
| 5812790650 | Plug EN 175301-803, form A | - |
| 5812790450 | Plug EN 175301-803, form A | - |
| 5812791650 | Plug EN 175301-803, form A | with throttle |
| 5812791450 | Plug EN 175301-803, form A | with throttle |
| 5812792650 | Plug EN 175301-803, form A | - |
| 5812792450 | Plug EN 175301-803, form A | - |
| 5812793650 | Plug EN 175301-803, form A | with throttle |
| 5812793450 | Plug EN 175301-803, form A | with throttle |

Nominal flow Qn at 6 bar and $\Delta p = 1$ bar, MO = Manual override, An operating pressure of up to 16 bar is possible in the version with manual override without detent.

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

| | |
|---------|--------------------------------|
| Housing | Aluminum |
| Seals | Acrylonitrile butadiene rubber |

Dimensions

Dimensions

