

20 stepper motor connections

standard stepping motors connection series SM 87, SM 88 und SM 107

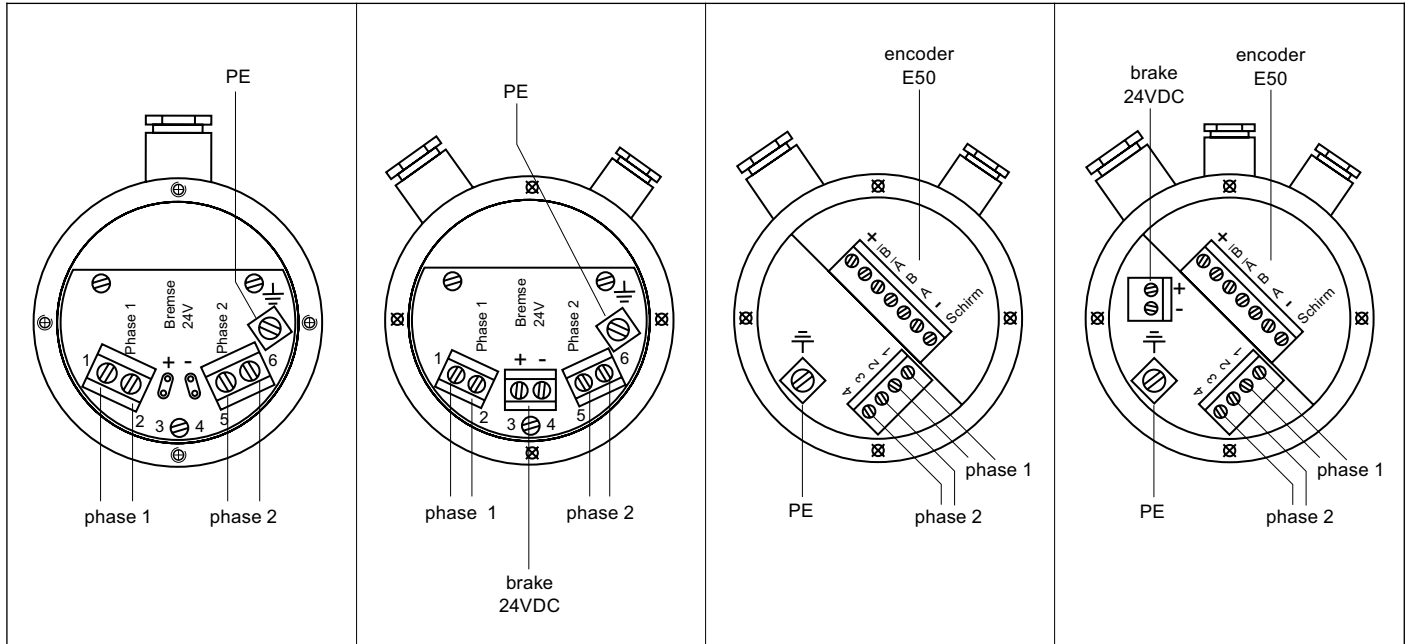
<p>windings bipolar parallel</p> <p>SM 87/107/168.....</p>	<p>windings bipolar serial</p> <p>SM 87/107/168.....</p>	<p>colour assignment of leads version SM 56/87/107...L..</p> <p>phase 1</p> <ul style="list-style-type: none"> 1 = brown 2 = white 3 = black 4 = red <p>phase 2</p> <ul style="list-style-type: none"> 5 = blue 6 = grey 7 = yellow 8 = green <p>PE = yellow-green</p>
<p>windings bipolar parallel</p> <p>SM 88.....</p>	<p>windings unipolar</p> <p>SM 87/107/168.....</p>	<p>colour assignment of leads version SM 88...L..</p> <p>phase 1</p> <ul style="list-style-type: none"> 1 / 2 = brown 3 / 4 = black <p>phase 2</p> <ul style="list-style-type: none"> 5 / 6 = blue 7 / 8 = yellow <p>PE = yellow-green</p>

connections stepper motors series SM 87, SM 88 and SM 107 with brake and encoder E50

<p>SM 87/88/107 ...B Stepper motor with brake</p>	<p>SM 87/88/107 ...E50 Stepper motor with encoder E50</p>	<p>SM 87/88/107 ...BE50 Stepper motor with encoder E50 and brake</p>

The windings of types SM ...B, SM ...E50 and SM ...B E50 are for bipolar connection only (connections correspond to bipolar parallel).

Connections stepper motors series SM 56 standard, and connections motors series SM 56 with options brake and encoder E50



SM 56 ...
Stepper motor with terminal box

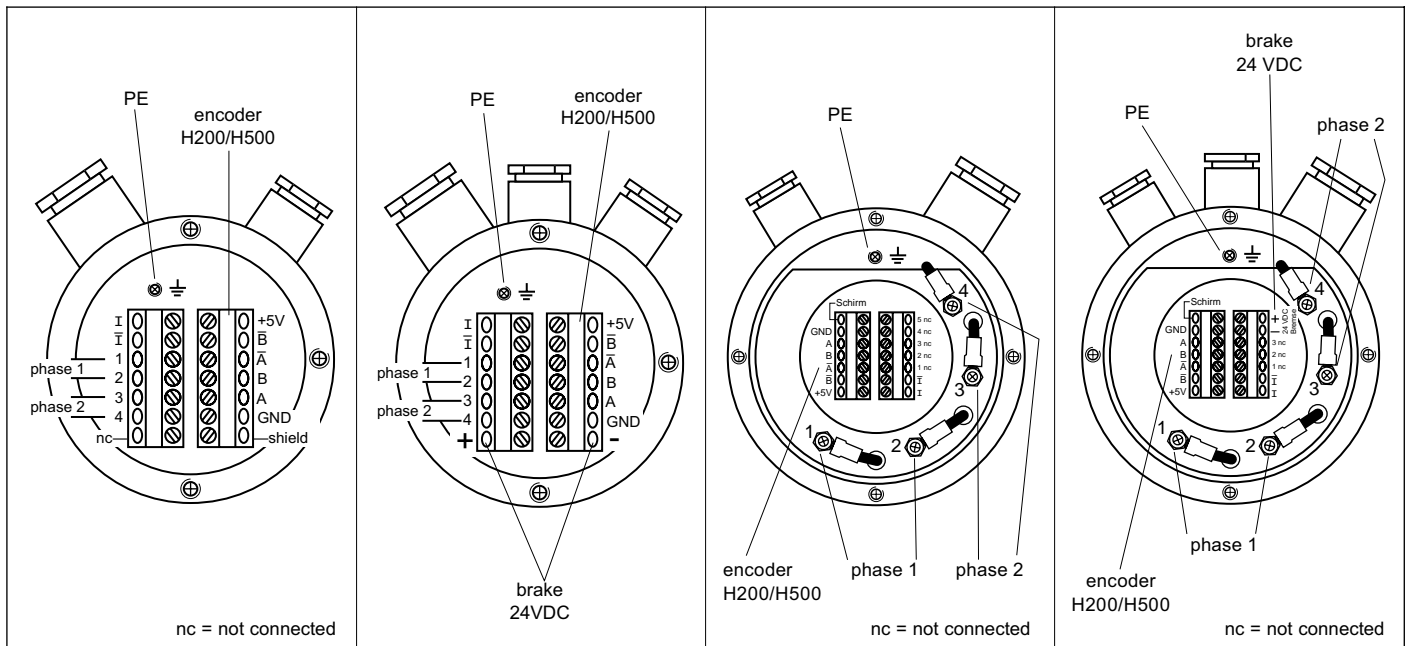
SM 56 ...B
Stepper motor with brake

SM 56 ...E50
Stepper motor with encoder E50

SM 56 ...B E50
Stepper motor with encoder E50 and brake

The windings of types SM ...B, SM ...E50 and SM ...B E50 are for bipolar connections only (connections correspond to bipolar parallel). Leads connections of motors SM 56...L... are identical to the connections of the leads version of motors SM 87 / SM 107 at page 20.

Connections stepper motors series SM 56, SM 87, SM 88 and SM 107 with brake and encoder H200/H500



SM 56 ...H200/H500
Stepper motor with encoder H200 / H500

SM 56 ...B H200/H500
Stepper motor with encoder H200 / H500 and brake

SM 87/88/107 ...H200/H500
Stepper motor with encoder H200 / H500

SM 87/88/107 ...B H200/H500
Stepper motor with encoder H200 / H500 and brake