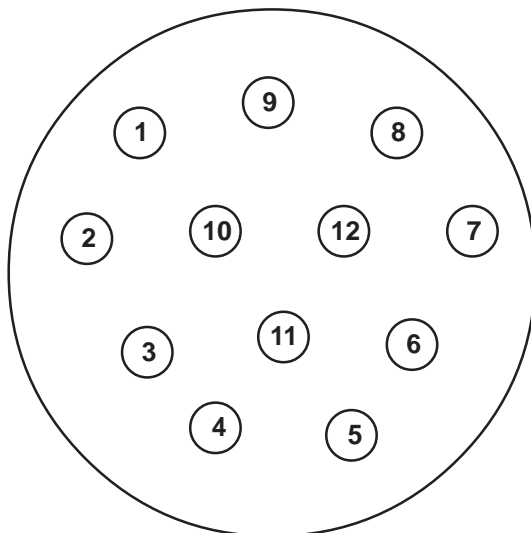


## “D” resolver option      Data sheet

### Connector pinout seen from motor outside

- 1      Excitation high
- 2      Excitation low
- 4      Cosine high
- 5      Cosine low
- 6      Sine low
- 7      Sine high



### Supplier nominal data

Primary side	R1 - R2
Input frequency	4 kHz
Pole pairs	1
Transformation ratio	0,3 ±10%
Input voltage	9 V
Input current	27 mA
Phase shift	12° ± 3°
Null voltage	30 mV max.
Impedance	
Zro	185 j 280 Ohm
Zrs	180 j 245 Ohm
Zso	175 j 220 Ohm
Zss	170 j 190 Ohm
D.C. resistance	
Rotor	89 Ohm ±10%
Stator	105 Ohm ±10%
Accuracy absolute	±10'
Accuracy spread	18'
Accuracy ripple	1' max.
Operating temperature	-55°C...+155°C
Shock (11 ms)	<= 10.000 m/s <sup>2</sup>
Vibration 110 to 500 Hz	< 500 m/s <sup>2</sup>
Hi-pot housing/winding	500 V min.
Hi-pot winding/winding	250 V min.