

Wiring-Scheme CM RS-40 VSS 25 UHV



2 Phase Stepper – VSS-25.200.1.2E GPL UHV

motor-type	2 phase bipolar
phase current	1.2 A
step angle	1.8 °
steps	200
coil-resistance	0.95 Ohms
coil-inductance	0.4 mH
holding-torque	13 mNm
gearbox	VGPL22/7
gearratio	7:1
resolution/fullstep	0.0285714°/step
pitch	4°
Max. Velocity	0.9°/S



Picture shows different version

Motor Pinout



Pinout MIRRORRED for
Vacuum-Feed-through

DB-9f Vacuum	Function	label color
5	A+	yellow
4	A-	red
3	B+	bluey
2	B-	green
9	E1 (NC)	
1	Common	

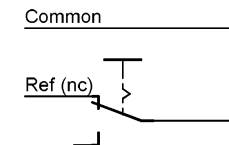
All cables are Capton

E1 Home-switch wired as normal-closed!

Mechanical Home-Switch:

Honeywell 17HM6 UHV switch

Contact Rating	1 A 28 V resistive load
Contact Type	normal closed
Operations	>5x10 ⁴
Operating Temperature	-184 to +260 °C (-300 to 500 °F)



Please note: The max. velocity is defined by the motor
(100rpm). Higher velocities could damage your system!!