Wiring-Scheme   **DT-80 Pollux**

PI miCos

Build-In 2-Phase Stepper - Motor Controller SMC-*pollux*

motor-type	2 phase bipolar		
phase current	1.2 A		
step angle	1.8 °		
steps	200		
pitch	2 °/rev		
resolution/fullstep	0.01°		
theoretical resolution	<0.001°		
Pollux Version	1	2	3
holding-torque (mNm)	160	160	320
max. speed °/s	26	30	35

Limit-switches are wired as normal-closed!
E1: hard-limit in negative direction (near motor)
E2: hard-limit in positive direction

Mechanical Home-Switch:

Contact Rating	0.5 A 30 V resistive load
Contact Type	normal closed
Operations	$>2 \times 10^4$
Operating Temperature	-25 to +80 °C (-13 to 176 °F)

Power-Connector:

manufacturer	Binder Connector
Type	Series 719 3in
Art.Nr (manufacturer)	09 9748 70 03

Binder 3 pin	Function
1	+24 V
2	-
3	GND

Interface-Cable RS-232:

DSub9f	Function	Color	RJ45 male 8 pin
2	RxD	yellow	4
3	TxD	green	5
5	GND	brown	7

Caution: PC-side :   connect pin 1+4+6
                                 connect pin 7+8

RJ45 male   1   8