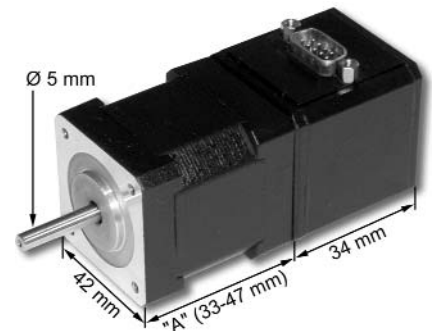


Series PD2-T42 (1.8 A)
Clock input (without fan)

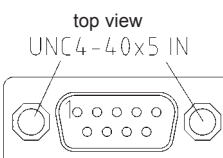
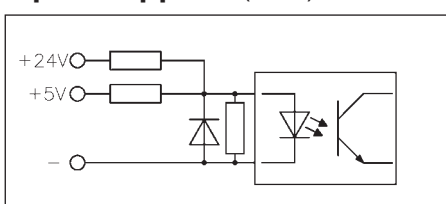
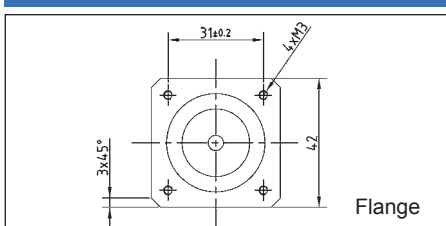
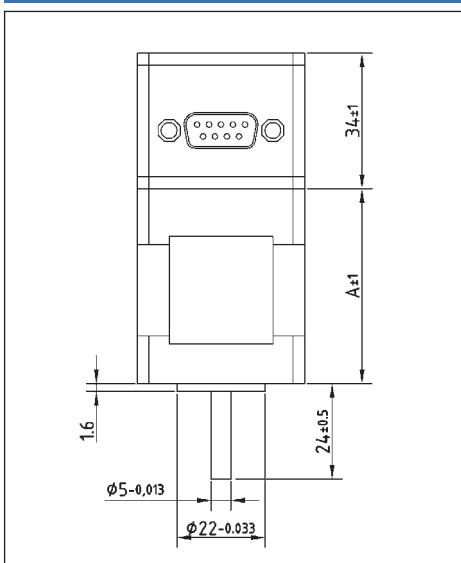
High Torque Stepper Motor with integrated Driver

Technical Characteristics:

Operating Voltage:	DC 24 to 48 V
max. Phase Current:	1,8 A / phase
Resolution:	200, 400, 800, 1000, 1600, 2000 steps/rev.
Step setting:	via DIP-switch
Step frequency:	0 to 40 kHz
Current down:	automatically to approx. 50%
Inputs Signals:	via optocoupler 5 V and 24 V
Protective circuit:	thermal switching off +155 °C (driver),
Temperature range:	0 to +40 °C
Connection type:	via 9-pin D-SUB plugs
Delivery status:	1/1 step. 1.8 A/phase



Attention: A charging capacitor of at least 4.700 µF has to be provided in the supply voltage so that the permissible voltage is not exceeded during the braking process.

Anschlußbelegung	Input signals	Dimensions																														
<p>D-SUB 9 pin (integrated)</p> <p style="text-align: center;">top view UNC 4-40x5 IN</p>  <table border="0" style="width:100%;"> <tr> <td style="width: 10%;">PIN No</td> <td style="width: 10%;">-</td> <td>FUNCTION</td> </tr> <tr> <td>1</td> <td>-</td> <td>POW +24V to +48V</td> </tr> <tr> <td>2</td> <td>-</td> <td>DIR (Direction) +5V</td> </tr> <tr> <td>3</td> <td>-</td> <td>CLK Clock +5V</td> </tr> <tr> <td>4</td> <td>-</td> <td>CLK Clock +24V</td> </tr> <tr> <td>5</td> <td>-</td> <td>POW GND</td> </tr> <tr> <td>6</td> <td>-</td> <td>DIR- (Direction)</td> </tr> <tr> <td>7</td> <td>-</td> <td>DIR (Direction) +24V</td> </tr> <tr> <td>8</td> <td>-</td> <td>CLK- Clock (Takt)</td> </tr> <tr> <td>9</td> <td>-</td> <td>NC</td> </tr> </table>	PIN No	-	FUNCTION	1	-	POW +24V to +48V	2	-	DIR (Direction) +5V	3	-	CLK Clock +5V	4	-	CLK Clock +24V	5	-	POW GND	6	-	DIR- (Direction)	7	-	DIR (Direction) +24V	8	-	CLK- Clock (Takt)	9	-	NC	<p>Optocoupler 5(24 V) I=10mA</p>  <div style="text-align: center; background-color: #0056b3; color: white; padding: 2px;">Dimensions</div>  <p style="text-align: right;">Flange</p>	
PIN No	-	FUNCTION																														
1	-	POW +24V to +48V																														
2	-	DIR (Direction) +5V																														
3	-	CLK Clock +5V																														
4	-	CLK Clock +24V																														
5	-	POW GND																														
6	-	DIR- (Direction)																														
7	-	DIR (Direction) +24V																														
8	-	CLK- Clock (Takt)																														
9	-	NC																														

Options / Accessories (order separately)
 Gear PLE40...

Type	Holding Torque Ncm	Current per phase	Operating Voltage	Step resolution	Weightkg	"A" mm	Options
PD2-T4218S1804	20	1.8 A	24-48 V	200; 400; 800;1000;1600; 2000	0.35	33,0	PLE40, B2, E
PD2-T4218M1804	26	1.8 A	24-48 V	200; 400; 800;1000;1600; 2000	0.395	39,0	PLE40, B2, E
PD2-T4218L1804	40	1.8 A	24-48 V	200; 400; 800;1000;1600; 2000	0.43	47,0	PLE40, B2, E