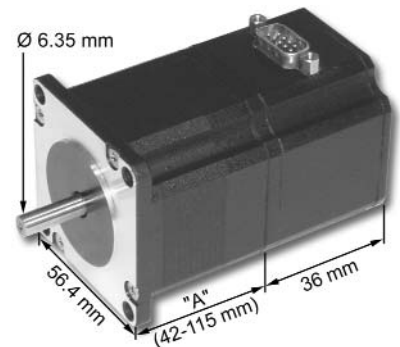


Serie PD2-T57 (1,8 A) Clock input (without fan)

High Torque Stepper Motor with integrated Driver

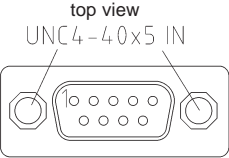
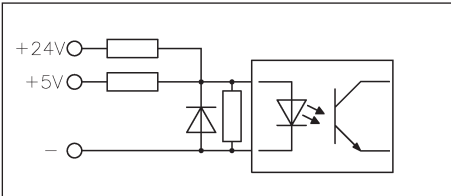
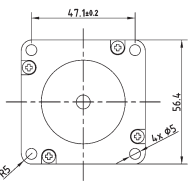
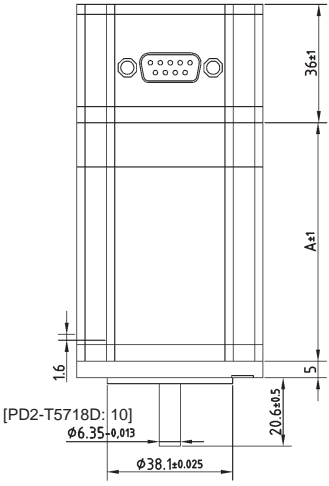
Technical Characteristics:

Operating Voltage:	DC 24 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 plug
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 9pin (integrated)</p> <p style="text-align: center;">top view UNC4-40x5 IN</p>  <table border="0" style="width: 100%;"> <tr> <th style="text-align: left;">PIN No</th> <th style="text-align: left;">FUNCTION</th> </tr> <tr> <td>1</td> <td>- POW +24V bis +48V</td> </tr> <tr> <td>2</td> <td>- DIR (Direction) +5V</td> </tr> <tr> <td>3</td> <td>- CLK Clock +5V</td> </tr> <tr> <td>4</td> <td>- CLK Clock +24V</td> </tr> <tr> <td>5</td> <td>- POW GND</td> </tr> <tr> <td>6</td> <td>- DIR- (Direction)</td> </tr> <tr> <td>7</td> <td>- DIR (Direction) +24V</td> </tr> <tr> <td>8</td> <td>- CLK- Clock</td> </tr> <tr> <td>9</td> <td>- NC</td> </tr> </table>	PIN No	FUNCTION	1	- POW +24V bis +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	9	- NC	<p>Optocoupler 5(24 V) I=10mA</p>  <div style="text-align: center; background-color: #0056b3; color: white; padding: 2px; margin-top: 10px;">Dimensions</div>  <p style="text-align: right;">Flansch</p>	
PIN No	FUNCTION																					
1	- POW +24V bis +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																					
9	- NC																					

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

Type	Holding Torque Ncm	Current per phase	Operating Current	Step resolution	Weight kg	"A" mm	Option
PD2-T5718X2804	38	1,8 A	24 V	200; 400; 800; 1600; 2000	0.6	42	PLE40
PD2-T5718M2104	90	1,8 A	24 V	200; 400; 800; 1600; 2000	0.83	54	PLE40
PD2-T5718M2804	65	1,8 A	24 V	200; 400; 800; 1600; 2000	0.83	54	PLE40
PD2-T5718L2104	140	1,8 A	24 V	200; 400; 800; 1600; 2000	1.21	77	PLE40
PD2-T5718L2804	120	1,8 A	24 V	200; 400; 800; 1600; 2000	1.21	77	PLE40
PD2-T5718D2904	180	1,8 A	24 V	200; 400; 800; 1600; 2000	1.91	115	PLE40