

Series PD2-T56 (2A)
with clock input

Stepper motor with integrated
Constant Current-Driver 2A/Phase

Technical Data:

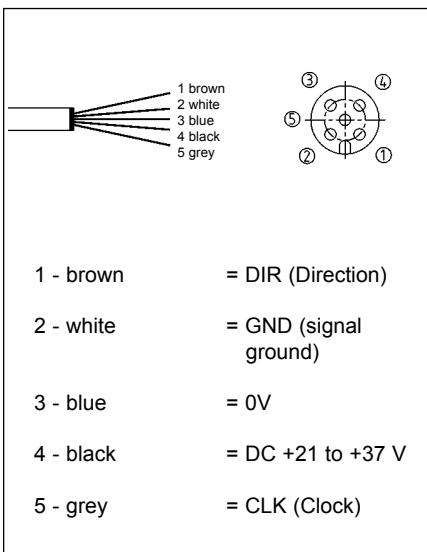
Operating Current:	DC 21 to 37 V
max. Phase Current:	2 A / phase
Resolution:	200, 400, 800, 1/8 = 1600 (3200) Steps/rev.
Step mode setting:	via BCD-switch
Step frequency:	0 to 50 kHz
Current down:	automatically to approx. 65%
Input signals:	via optocoupler 5V (24V), diode input
Protective circuit:	overvoltage and heat sink temp.>80°C
Temperature range:	0 to +40 °C
Connexion type:	via 5-pin circular connectors
State of delivery:	1/2 step



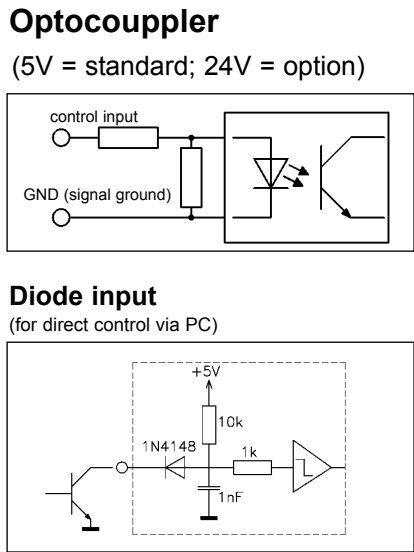
Attention: A charging capacitor of at least 4.700 µF has to be provided in the supply voltage so that the permissible voltage is not exceeded during the braking process.

PC-connection: Use diode input, if you control the motor via PC!

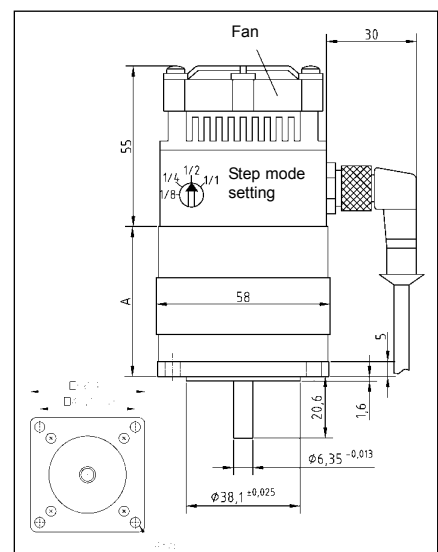
PIN Assignment



Input circuit



Dimensions



Ordering code: PD2-T5618X2004-□
 Input circuit 5 = 5 V (optocoupler)
 24 = 24 V (optocoupler)
 D = diode input

Required Accessories

5-pin connecting cable
or cable loom KS-PD56-2 (5)
(see "Accessories", page K6)

Type	Holding Torque Ncm	Current per phase	Winding	Operating voltage	Step resolution	Weight kg	"A" mm	Options
PD2-T5618X2004-	30	1.7A	parallel	21-37 V DC	200; 400; 800;1600	0.55	38.5	PLE...E...L...B2
PD2-T5618X3204-	20	2.0A	parallel	21-37 V DC	200; 400; 800;1600	0.55	38.5	PLE...E...L...B2
PD2-T5618S3704-	40	2.0A	parallel	21-37 V DC	200; 400; 800;1600	0.7	50.5	PLE...E...L...B2
PD2-T5618M1804-	55	1.7A	serial	21-37 V DC	200; 400; 800;1600	0.75	53.5	PLE...E...L...B2
PD2-T5618L1004-	100	0.8A	parallel	21-37 V DC	200; 400; 800;1600	1.1	76.0	PLE...E...L...B2
PD2-T5618L2304-	100	2.0A	parallel	21-37 V DC	200; 400; 800;1600	1.1	76.0	PLE...E...L...B2
PD2-T5618C4004-	70	2.0A	parallel	21-37 V DC	200; 400; 800;1600	1.6	102.0	PLE...E...L...B2
PD2-T5618C1304-	130	1.3A	parallel	21-37 V DC	200; 400; 800;1600	1.6	102.0	PLE...E...L...B2
PD2-T5609X3504-	25	2.0A	parallel	21-37 V DC	400; 800; 1600; 3200	0.55	38.5	PLE...E...L...B2
PD2-T5609C4204-	60	2.0A	parallel	21-37 V DC	400; 800; 1600; 3200	1.6	102.0	PLE...E...L...B2