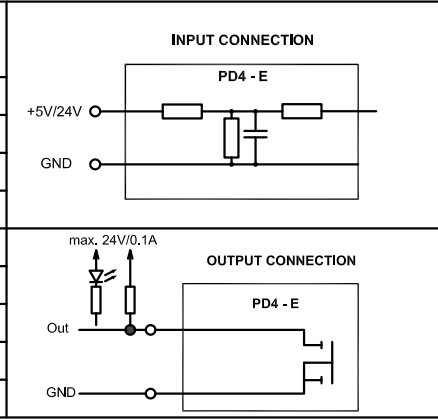


SPECIFICATION	CONNECTION	BIPOLAR
VOLTAGE (VDC)		12 TO 48
AMPS/PHASE		4.2 A
THREAD DIAMETER (mm) [in]		9.525 [0.375]
THREAD LEAD(mm) [in]		1.5875 [0.0625]
THRUST (N)		1023.5
RESOLUTION (mm/STEP)		0.008
MAX. SPEED (mm/sec.) AT 48V		39.7
WEIGHT (Kg) [lb]		0.95 [2.09]



**PERMISSIBLE RADIAL+AXIAL FORCE**  
 ROTOR SPRING-MOUNTED IN AXIAL DIRECTION

Labels: SPRING DISC, BEARING, Fr, Fa, a.

Please regard the application note at [www.nanotec.com](http://www.nanotec.com) for further informations.

X1 Modbus TCP IN (M12, 4-Pole, D-coding, female)		X4 IO (M12, 12-Pole, A-coding, male)	
Pin No.	Function	Pin No.	Function
1	TD+	1	GND
2	RD+	2	Input 1 (+5V/+24V)
3	TD-	3	Input 2 (+5V/+24V)
4	RD-	4	Input 3 (+5V/+24V)
		5	Input 4 (+5V/+24V)
		6	Input 5 (+5V/+24V)
		7	Input 6 (+5V/+24V)
		8	Analog Input (0-10V/0-20mA)
		9	Output 1 (open drain)
		10	Output 2 (open drain)
		11	+5V Voltage Supply (max. 100mA)
		12	+UB Logic (24V)

X3 Power (M12, 5-Pole, B-coding, male)	
Pin No.	Function
1	+UB (12-48V)
2	+UB (12-48V)
3	GND
4	GND
5	N.C.

				 <b>Nanotec</b> <sup>®</sup> PLUG & DRIVE			APVD	<i>P.R.</i>	01.02.23	<b>PLUG&amp;DRIVE MOTOR</b>	
							CHKD	<i>GYQ</i>	01.02.23		
				Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	DRN	<i>X T</i>	01.02.23	DWG.NO	
							SIGNATURE		DATE		PSA56S-E-4-VQBN-152
REV	DESCRIPTION	DATE	DRN								