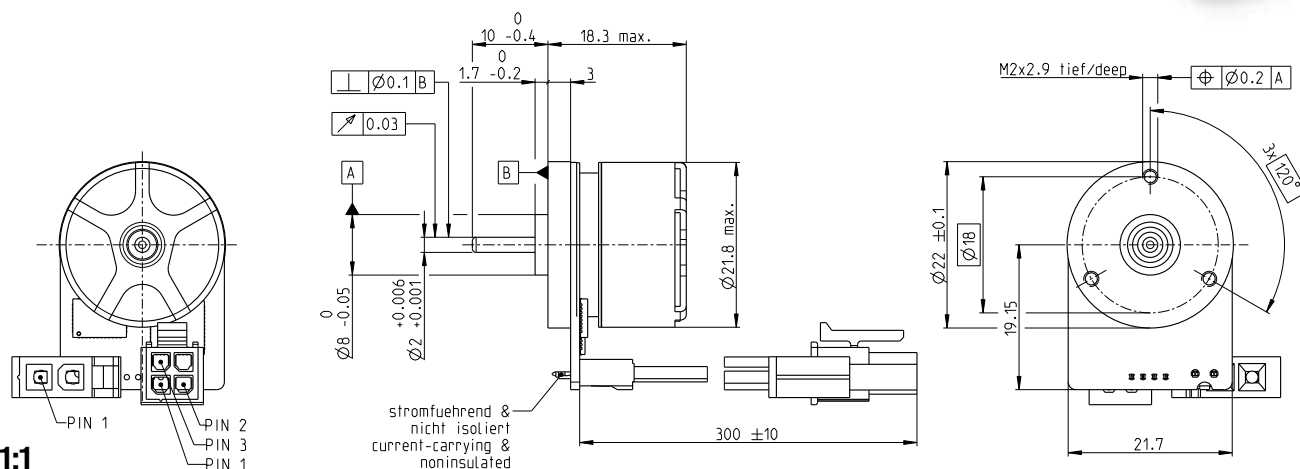


ECX FLAT

NEW

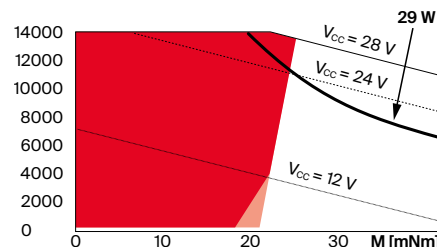
I/O $\leftrightarrow$



M 1:1

Drive data			
1_	Nominal power supply voltage	V	24
2_	Nominal speed	rpm	11 000
3_	Nominal torque at 25 °C	mNm	25
5_	Nominal supply current at 25 °C	A	2.2
7_	Maximum speed at nominal voltage	rpm	14000
8_	Maximum permissible drive speed	rpm	14 000
9_	Maximum torque (short-time)	mNm	57.6
10_	Maximum supply current (short-time)	A	3.88
11_	Rotor inertia of the drive	gcm ²	6.82
12_	Nominal supply voltage + V _{CC}	V	8...28
13_	Mechanical time constant	ms	4.67
	Speed constant	rpm/V	661
37_	Speed set value input	V	0...10
38_	Scale speed set value input	rpm/V	1000
	Min. permissible drive speed	rpm	300
40_	Max. acceleration	rpm/s	20 000

14_ Thermal resistance housing-ambient	K/W	5.9	n [rpm] 24-V-system
15_ Thermal resistance winding-housing	K/W	5.84	
16_ Thermal time constant winding	s	6.09	
17_ Thermal time constant drive	s	14.1	
18_ Ambient temperature	°C	-25...+85	



- Continuous operation
- Continuous operation with reduced thermal resistance R_{th2} 50%
- Short term operation

19.	Axial play at axial load	< 4 N	0 mm
		> 4 N	0.14 mm
	Direction of force		Pull
20.	Radial play		preloaded
21.	Max. axial load (dynamic)	N	1.8
22.	Max. force for press fits (static) (shaft supported)	N	2.6
		N	200
23.	Max. radial load [mm from flange]	N	3.5 [5]

24	Weight of the drive	g	33.5
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Protective functions

Modular system

Details on catalog page 44

Gear	Stages [opt.]	Sensor integrated	Motor Control integrated
390_GPX 22 A/C	1-4		
391_GPX 22 LN/LZ	1-4		
392_GPX 22 HP	2-4		
394_GPX 22 UP	1-4		
396_GPX 26 A/C	3		
397_GPX 26 LN/LZ	3		
398_GPX 26 HP	4		

Connection, Supply (Cable AWG 22)

red Pin 1 +V_{CC} 8...28 VDC

red	Pin 1	VCC
black	Pin 2	GND

Connector **Article number**

Connector:	Article number:
Molex	39-01-2020

Connection, I/O's (Cable AWG 28)

white Pin 1 I/O 1

white	Pin 1	I/O 1
green	Pin 2	I/O 2

grey Pin 3 I/O 3

grey	Pin 3	I/O 3
brown	Pin 4	I/O 4

Connector **Article number**

Connector	Article Number
Molex	43025-0400

Configuration

Shaft, front: Length/shaft shoulder/faces

Shaft, rear: Length/shaft shoulder

Motor controller: I/O functionality/system parameters