

Specifications

Processor	High Performance DSP	Weight	≤ 625g
Motor	Permanent Magnet Synchronous	Gears	Stainless Steel
Position Sensor	Contactless	Housing	Aluminum , Anodized
Databus	Dual CAN 2.0A/B	Max. Travel Range	±170°
Rated Torque	≥ 81 kgf·cm	Connector	Aerospace grade Circular Connector
Max. Operating Torque	≥ 124 kgf·cm, Limited Time	Operating Temperature	-40°C ~ 71°C
Rated Speed	≥ 140 °/s @28VDC	Environmental Qualifications	MIL-STD-810x Selected Items
No Load Speed	≥ 170 °/s @28VDC	Electromagnetic Compliance	MIL-STD-461x Selected Items
Operating Voltage	18 ~ 32VDC	MTBF	≥ 2,000Hr
Angular Backlash	≤ 0.3°	-	-
Position Accuracy	≤ 0.5°	-	-
Bandwidth	≥ 5Hz @2° Sine Wave	-	-

* Refer to ICD and User's Manual at <https://contromax.gitbook.io/contromax-product-manual>

Appearance & Connectors



Receptacle GLENAIR, 801-011-07M8-13PA
(Mating Plug) GLENAIR, 801-007-16(26)M8-13SA)

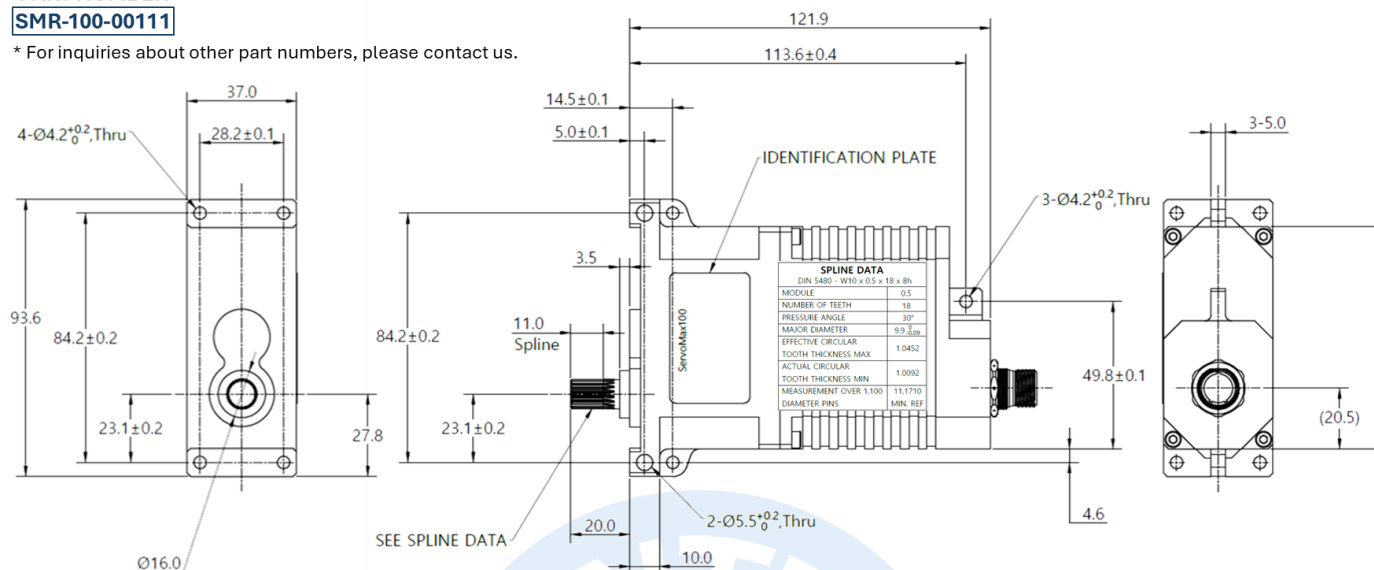
Pin #	Function	AWG	Max. Current [A]	Wiring
1	-	-	-	-
2	CAN A_H	22~24	-	Twisted Pair, Shield
3	PWR_IN	22	3	-
4	PWR_RET	22	3	-
5	-	-	-	-
6	-	-	-	-
7	-	-	-	-
8	CAN B_H	22~24	-	Twisted Pair, Shield
9	CAN A_L	22~24	-	Twisted Pair, Shield
10	PWR_IN	22	3	-
11	PWR_RET	22	3	-
12	CHASSIS	22	-	-
13	CAN B_L	22~24	-	Twisted Pair, Shield

Dimension Electrical Interface

PART NUMBER

SMR-100-00111

* For inquiries about other part numbers, please contact us.



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