

AP8918 stepper motor with terminal box



Option

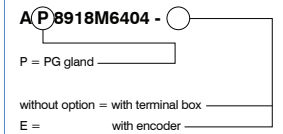


Cable connection

Cable connector M16 (MOTOR)		
Cable no.	Color	Assignment
1		A
2	BLACK	A\
3	(MARKED WITH CABLE NO.)	B
4		B\
5		Housing

Cable connector M16 (ENCODER)	
Color	Assignment
White	A
Brown	A\
Green	B
Yellow	B\
Gray	GND
Pink	I\
Blue	I
Red	Vcc

Order identifier



Through their electrical and mechanical interchangeability with the standard motors, the machine-compatible stepper motors up to a protection class of IP 65 (except for shaft outlet) offer a consistent drive concept.

The extremely compact motor with terminal box is only 16 mm longer than standard motors.

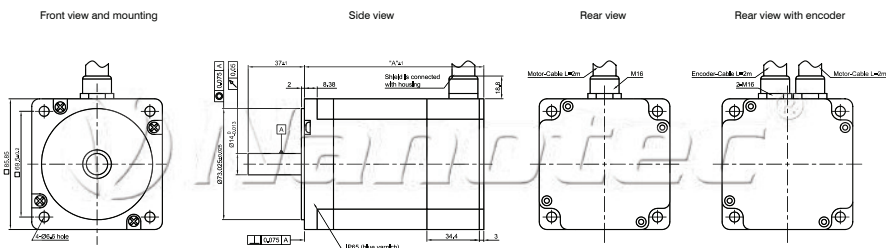
Pre-assembled cables permit rapid and error-free wiring, setup and installation when used in extreme ambient conditions and reduce the amount of work in suppression and EMC activities.

The standard motors are delivered with a shielded 5-pin cable and a shielded 8-pin cable for the encoder. The cable length is 2 m for each.

Encoder: 500 CPR, line driver and index (a pulse at 360°), 5-V TTL signal (other encoders available on request)

Dimension image (mm) AP8918 for flange size 86

AP8918

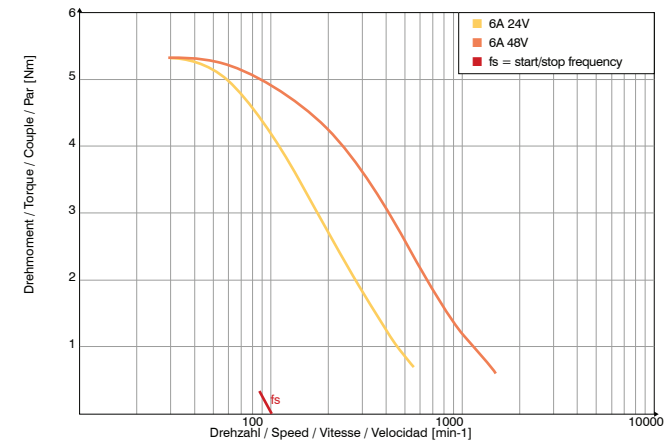


Available versions (others on request)

Type	Current A/phase	Holding torque Ncm	Resistance Ohm/phase	Inductance mH	Rotor inertia torque g cm ²	Weight kg	Length "A" mm	Encoder CPR
AP8918M6404	6,4	594	0,33	3,00	2700	3,4	118,0	
AP8918M6404-E	6,4	594	0,33	3,00	2700	3,5	118,0	500
AP8918L9504	9,5	933	0,27	2,70	3000	4,6	148,0	
AP8918L9504-E	9,5	933	0,27	2,70	3000	4,7	148,0	500

Speed/torque curves

AP8918M6404



AP8918L9504

