

## AP8918 stepper motor with junction box



### Option

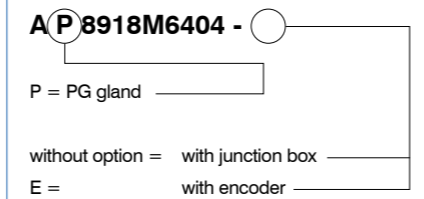


### Cable connection

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)		
Cable no.	Color	assignment
1	White	A
2	Brown	A\
3	Green	B
4	Yellow	B\
5	Gray	GND
6	Pink	I
7	Blue	I\
8	Red	Vcc

### Order identifier



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

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

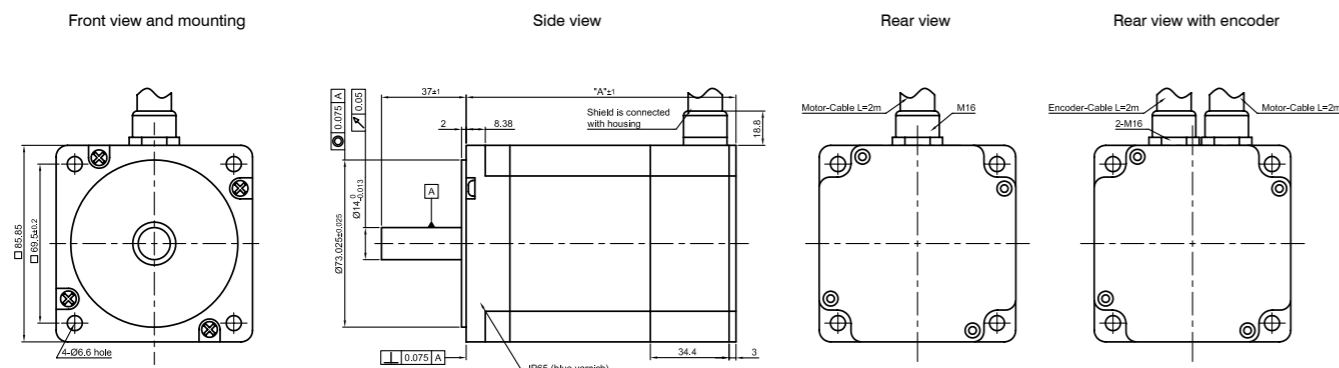
Pre-assembled cables permit rapid and error-free wiring and commissioning when used in extreme environment conditions and reduce the amount of work in suppression and EMC activities.

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

Encoder: 500 increments / rotation, line controller and index (one pulse on 360°), 5 V TTL signal (other encoders available on request)

### Outline drawing (mm) AP8918 for flange size 86

#### AP8918

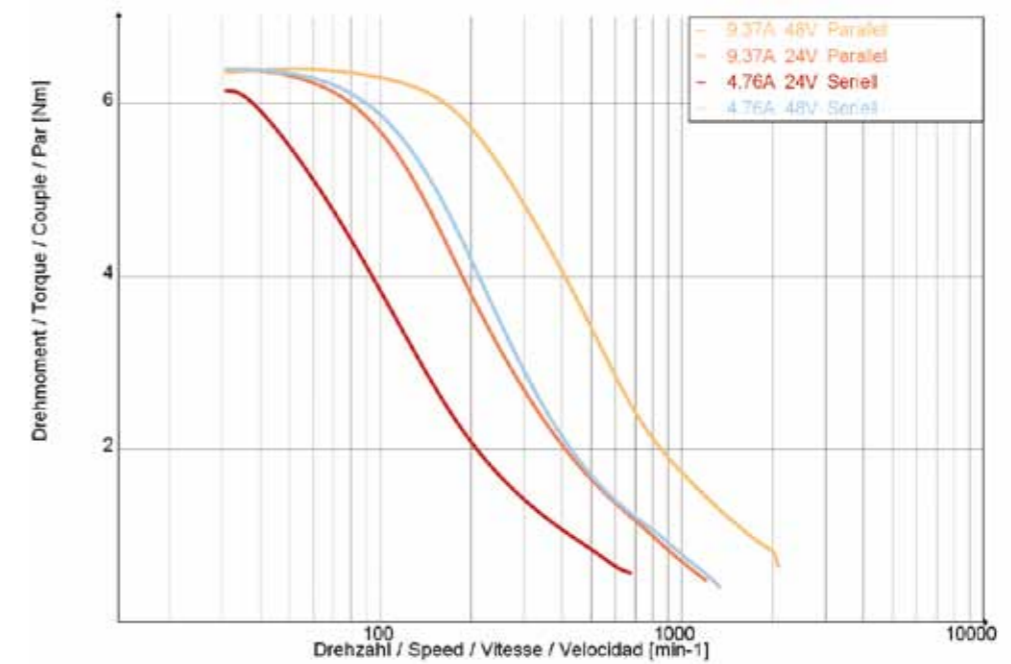


### Available versions (others on request)

Type	Current A/phase	Holding torque Ncm	Resistance Ohm/phase	Inductance mH	Rotor inertia torque g cm <sup>2</sup>	Weight kg	Length "A" mm	Encoder
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	X
AP8918L9504	9.5	933	0.23	2.70	3000	4.6	148.0	
AP8918L9504-E	9.5	933	0.23	2.70	3000	4.7	148.0	X

### Speed/torque curves

#### AP8918M6404



#### AP8918L9504

