

Electromagnetic/Magneto-electric Rotation detector

Classification table

MP-900/9000 series (Electromagnetic)

Need no power supply

MP-981/AP-981 (Magneto-electric)

Low · Middle speed

Oxidation-proof · water-proof

- A** Detectable frequency range
- B** Applicable module of detecting gear

MP-936 **Heat resistant** **Environmental resistant**
 A 300~35,000 (Hz) B 1~3
 220°C
 M16 BNC
 Signal cable length 1 m

MP-935 **Heat resistant**
 A 300~35,000 (Hz) B 1~3
 150°C
 M16 BNC
 Signal cable length 1 m

MP-930 **Oil-proof**
 A 200~35,000 (Hz) B 1~3
 M16 BNC
 Signal cable length 0.5 m

1) JEM-1030-1983

MP-981 **Ultra low · Middle speed**
 A 1~20,000 (Hz) B 0.5~3
Magneto-electric
 M16 BNC
 Positioning mark
 34 31
 75
 Positioning is required for the MP-981 and the AP-981.

AP-981 **Oxidation-proof · water-proof**
 A 1~20,000 (Hz) B 1~3
 2-φ3.5
 Fixing flange
 Positioning mark
 φ44 36±0.2
 φ23
 φ24 φ27
 30±0.5 3 44 8.3
 5±0.1 82±0.6
 Signal cable length 2 m (EP rubber sheath)
 2) JIS C 0920 protection class 7 (IPX7)

MP-992 **Small type**
 A 400~100,000 (Hz) B 1~3
 120°C
 M5X0.5
 Signal cable length 0.5 m
 φ1.5 0.3 13
 FEP electric cable

MP-950
 A 300~35,000 (Hz) B 1~3
 M12 BNC
 Signal cable length 0.5 m
 φ2.5
 1 29 50

MP-962
 A 400~35,000 (Hz) B 1~3
 M8X0.5 BNC
 Signal cable length 0.5 m
 φ2
 1 30 49

(Popular type) **MP-9100** **General**
 A 200~35,000 (Hz) B 1~3
 M16
 φ2.5
 4
 34 58.5
 φ20
 1
 Connector (HS12RG-2)
 φ24
 21
 1: SIGNAL
 2: COMMON

MP-911
 A 200~35,000 (Hz) B 1~3
 M16
 φ2.5
 34 64
 φ15 φ20
 1
 Signal cable length 5 m

MP-9200 **For small module**
 A 300~35,000 (Hz) B 0.5~1
 M16

MP-963 **For middle module**
 A 45~15,000 (Hz) B 3~10
 M24
 φ5
 34 68
 φ24
 2

MP-9120 **For high speed**
 A 200~80,000 (Hz) B 1~3
 M16

MP-940A **Long body**
 A 300~35,000 (Hz) B 1~3
 φ11
 55 132
 PF1/4
 φ20

MP-954
 A 300~35,000 (Hz) B 1~3
 M12 BNC
 Signal cable length 0.5 m
 φ2.5
 1 81 102

Mounting example

MP-001
 Standard detecting gear for the MP series

Number of gear teeth 60
 Module 1
 Material SS400 (surface treatment: trivalent chromate)