

# Electromagnetic/Magneto-electric type 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 type**  
 M16 BNC  
 Positioning mark  
 Signal cable length 1 m

**AP-981** **Oxidation-proof · water-proof**  
 A 1~20,000 (Hz) B 1~3  
 Fixing flange  
 Positioning mark  
 Signal cable length 2 m (EP rubber sheath)  
 2) JIS C 0920 protection class 7 (IPX7)

Positioning is required for the MP-981 and the AP-981.

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

**MP-950**  
 A 300~35,000 (Hz) B 1~3  
 M12 BNC  
 Signal cable length 0.5 m

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

**MP-9100** **General**  
 A 200~35,000 (Hz) B 1~3  
 Connector (HS12RG-2)  
 M16  
 Signal cable length 5 m

**MP-911**  
 A 200~35,000 (Hz) B 1~3  
 M16  
 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  
 Signal cable length 5 m

**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  
 PF1/4  
 M16 BNC  
 Signal cable length 0.5 m

**MP-954**  
 A 300~35,000 (Hz) B 1~3  
 M12 BNC  
 Signal cable length 0.5 m

**Mounting example**

Detector  
 Mounting fixture (user preparation)  
 Detecting gear (Involute type)

**MP-001**  
 Standard detecting gear for the MP series

Number of gear teeth 60  
 Module 1  
 Material SS400 (coated)