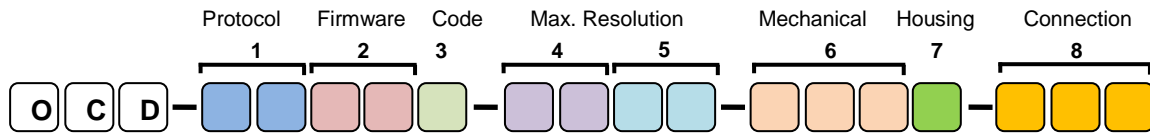


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OPTICAL ENCODER (OCD) SELECTION GUIDE



1. Protocol

CA – CANopen
DP – ProfiBUS
D2 – DeviceNET
EE – Ethernet IP
EI – ProfiNet RT
EM – Ethernet Modbus
E2 – Ethernet Powerlink V2
ET – Ethernet TCP/IP
IB – InterBUS
PP – Bit Parallel Push/Pull
P1 – Bit Parallel + Preset
SL – SSI Standard
S1 – SSI + Preset
S2 – SSI + Incremental
S4 – SSI +Preset Button

2. Firmware

?? – Version

3. Code

B – Binary
G – Gray

4. Multi-Turn Resolution

00 – Single Turn
12 – 12 Bits (4096)
13 – 13 Bits (8192)
14 – 14 Bits (16,384)

5. Single-Turn Resolution

12 – 12 Bits (4096)
13 – 13 Bits (8192)
16 – 16 Bits (65,536)

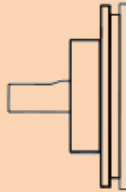


6. Flange & Shaft

Blind Hollow
B10 – 10mm Hole
B12 – 12mm Hole
B15 – 15mm Hole



Clamp Flange
C10 – 10x20mm Shaft



Through Hole
T12 – 12mm Hole



Synchro Flange
S06 – 6x10mm Shaft
S10 – 10x20mm Shaft

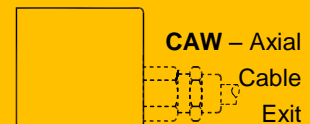


Note:
 All housings are 58mm in diameter

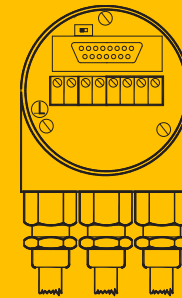
7. Housing

0 – Standard
S – Shaft Seal
V – Stainless Steel
H – Heavy Duty
C - Customized

8. Connection



H3P - Connection Cap



x = Plug Type

M – 5 Pin Plug

9 – 9 Pin D-Sub

L – 12 Pin Plug

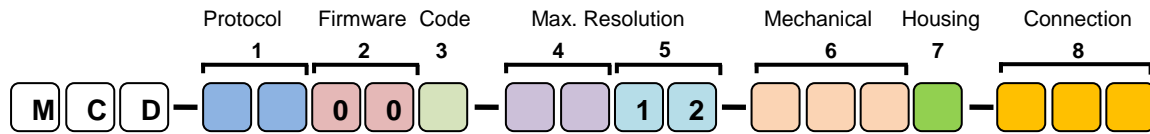
P – 16 Pin Plug

T – 26 Pin Plug

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MAGNETIC ENCODER (MCD) SELECTION GUIDE



1. Protocol

AC – Current (Analog)
 AV – Voltage (Analog)
 CA – CANopen
 CL – CANopen Lift (DSP417)
 S1 – SSI (30VDC)
 SM – SSI (5VDC)

2. Firmware

00 – Version

3. Code

1 – 0 - 5V (Analog)
 2 – 0 - 10V (Analog)
 3 – 0.5 - 4.5V (Analog)
 4 – 0.5 - 9.5V (Analog)
 5 – 4 - 20mA (Analog)
 6 – 0 - 20mA (Analog)
 B – Binary
 G - Gray

4. Multi-Turn Resolution

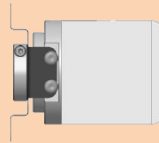
00 – Single Turn
 04 – 16 Turns (Analog)
 12 – 12 Bits (4096)
 15 – 15 Bits (32,768)

5. Single-Turn Resolution

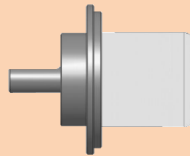
12 – 12 Bits (4096)

6. Flange & Shaft

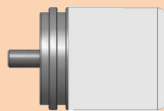
Blind Hollow
B06 – 6mm Hole



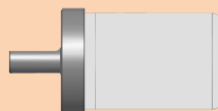
Clamp Flange
C10 – 10x20mm Shaft



Synchro Flange
S06 – 6x10mm Shaft



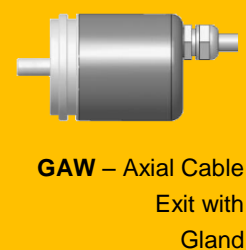
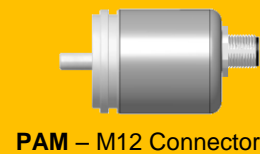
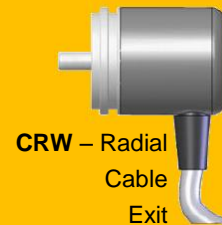
S10 – 10x20mm Shaft (*only available for Heavy Duty)



7. Housing

0 – Standard
 C – Custom
 G – Heavy Duty

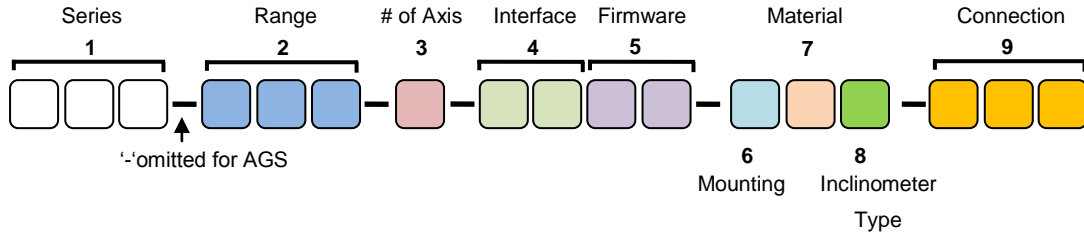
8. Connection



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INCLINOMETER (ACS/AGS) SELECTION GUIDE



1. Series

ACS – ACCELENS (Compact Size)
AGS – ANGUSENS (High Resolution)

2. Range

005 – +/- 5° (AGS)
015 – +/- 15° (AGS)
030 – +/- 30° (AGS)
080 – +/- 80° (ACS)
360 – 360° (ACS)

3. # of Axis

1 – Single Axis (Available to ACS only)
2 – Dual Axis

4. Interface

CA – CANopen
DP – Profibus DP (AGS)
S1 – SSI (ACS)
SV – Voltage + RS232
SC – Current + RS232
SO – RS232 (AGS)
SP – PWM (AGS)
SS – Switch (AGS)

5. Firmware

00 – For ACS
1 – For AGS

6. Mounting

H – Horizontal (Dual Axis)
V – Vertical (Single Axis)

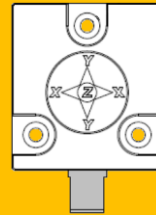
7. Housing Material

0 – Aluminum (AGS)
A – Aluminum (ACS)
P – Plastic (ACS)

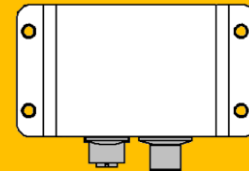
8. Inclinometer Series

2 – ACSII
H – High End
 *Omitted for AGS

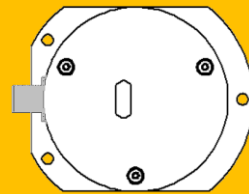
9. Connection



PM – M12 Connector (ACS)



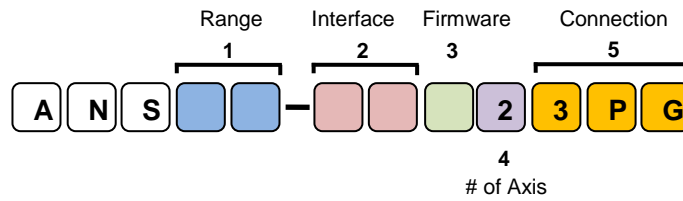
TM – Dual M12 (Bus-In & Bus-Out)
 *Only For High End ACS)



P8M – 8 Pin Connector (AGS)
CRW – Radial Cable Exit (AGS)



INCLINOMETER (ANS) SELECTION GUIDE



1. Range

15 – +/- 15°
30 – +/- 30°

2. Interface

D2 – Device Net
DP – Profibus DP

3. Firmware

1 – Device Net Version
2 – Profibus Version

4. # of Axis

2 – Dual Axis

5. Connection

3PG – Connection Cap



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