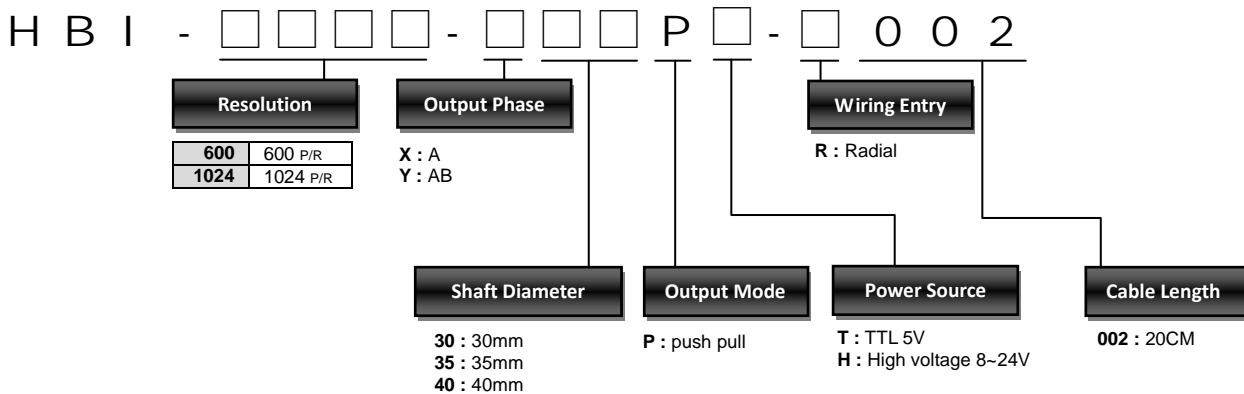
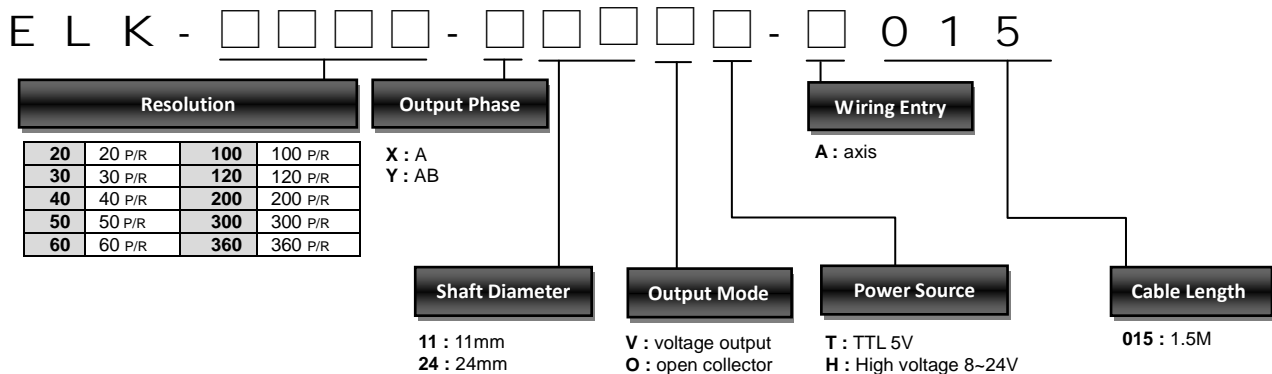
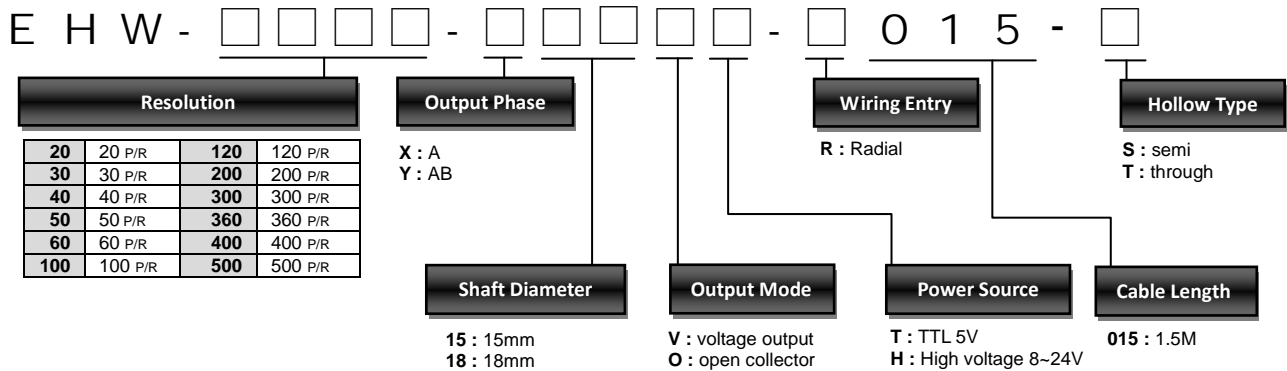
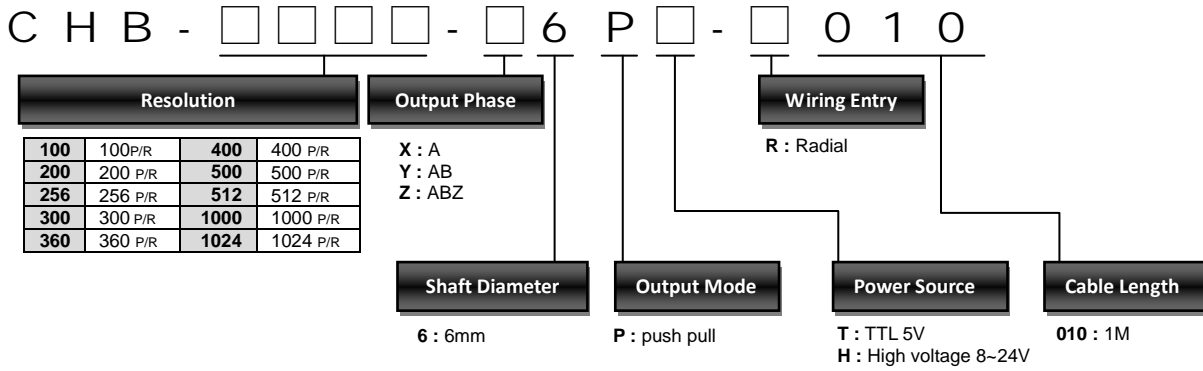


# Ordering information - Rotary Encoder



M R -  -  8  -  0 1 0

**Resolution**

100	100 P/R	1000	1000 P/R
200	200 P/R	1024	1024 P/R
360	360 P/R	1200	1200 P/R
400	400 P/R	2000	2000 P/R
500	500 P/R	2048	2048 P/R
512	512 P/R	2500	2500 P/R

**Output Phase**

X : A  
Y : AB  
Z : ABZ

**Wiring Entry**

R : Radial

**Shaft Diameter**

8 : 8mm

**Output Mode**

V : voltage output  
O : open collector

**Power Source**

T : TTL 5V  
H : High voltage 8~24V

**Cable Length**

010 : 1M

C H D -  -  6  -  0 1 0

**Resolution**

100	100 P/R	400	400 P/R
200	200 P/R	500	500 P/R
256	256 P/R	512	512 P/R
300	300 P/R	1000	1000 P/R
360	360 P/R	1024	1024 P/R

**Output Phase**

X : A  
Y : AB  
Z : ABZ

**Wiring Entry**

R : Radial

**Shaft Diameter**

6 : 6mm

**Output Mode**

P : push pull

**Power Source**

T : TTL 5V  
H : High voltage 8~24V

**Cable Length**

010 : 1M

C H D - N -  -  6  -  0 1 0

**Resolution**

200	200 P/R	500	500 P/R
256	256 P/R	512	512 P/R
300	300 P/R	600	600 P/R
360	360 P/R	720	720 P/R
400	400 P/R		

**Output Phase**

X : A  
Y : AB

**Wiring Entry**

A : axis

**Shaft Diameter**

6 : 6mm

**Output Mode**

V : voltage output  
O : open collector

**Power Source**

T : TTL 5V  
H : High voltage 8~24V

**Cable Length**

010 : 1M

E H G -  -  6  -  0 1 5 -

**Resolution**

1	1 P/R	90	90 P/R
4	4 P/R	100	100 P/R
5	5 P/R	120	120 P/R
10	10 P/R	180	180 P/R
12	12 P/R	200	200 P/R
20	20 P/R	300	300 P/R
25	25 P/R	360	360 P/R
30	30 P/R	400	400 P/R
40	40 P/R	500	500 P/R
50	50 P/R	512	512 P/R
60	60 P/R		

**Output Phase**

X : A  
Y : AB

**Wiring Entry**

A : axis

**Shaft type**

L : Lengthened  
: normal

**Shaft Diameter**

6 : 6mm

**Output Mode**

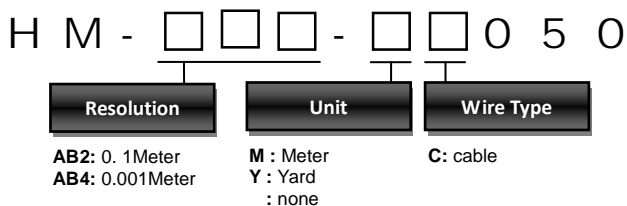
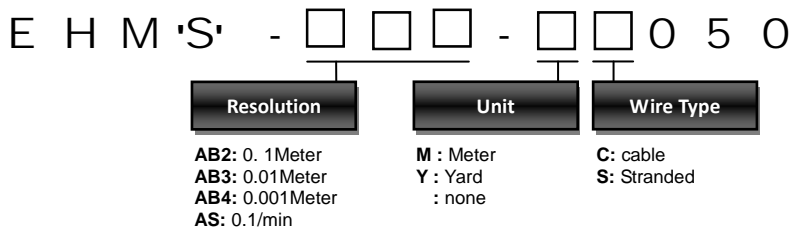
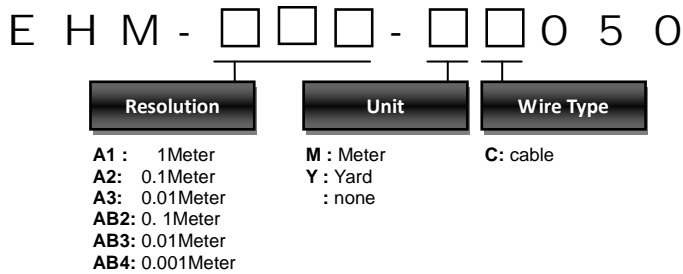
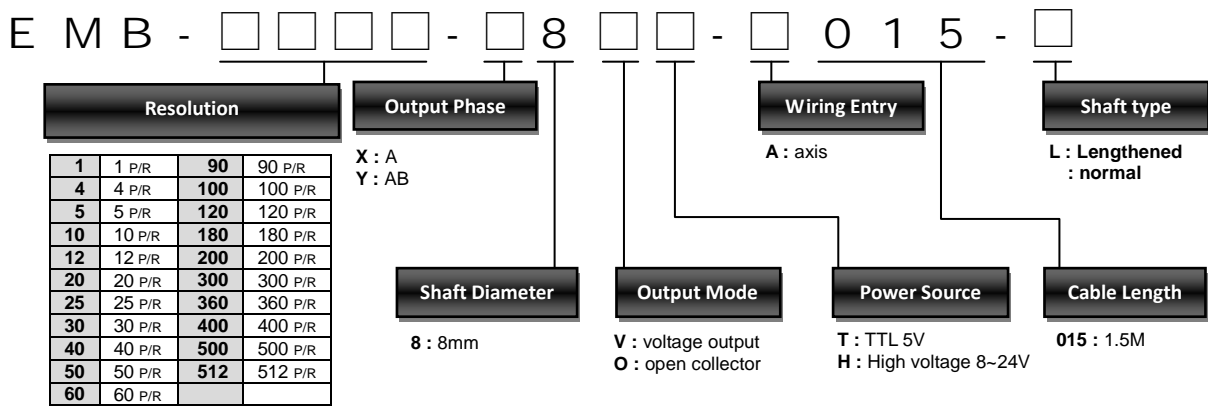
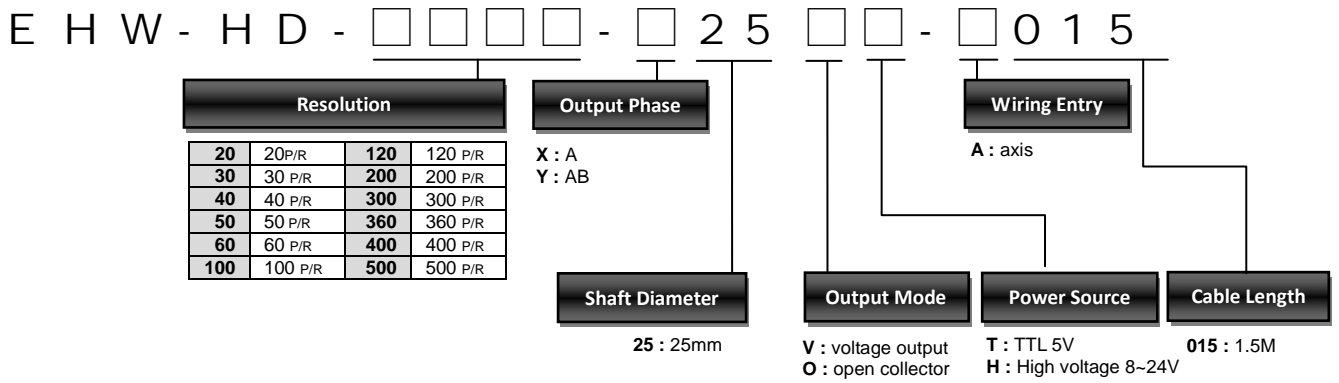
V : voltage output  
O : open collector

**Power Source**

T : TTL 5V  
H : High voltage 8~24V

**Cable Length**

015 : 1.5M



E X C H D - □ □ □ □ - □ 6 P □ - □ 0 1 0

Resolution			
100	100 P/R	400	400 P/R
200	200 P/R	500	500 P/R
250	250 P/R	512	512 P/R
300	300 P/R	1000	1000 P/R
360	360 P/R	1024	1024 P/R

**Output Phase**  
 X : A  
 Y : AB  
 Z : ABZ

**Wiring Entry**  
 R : Radial

**Shaft Diameter**  
 6 : 6mm

**Output Mode**  
 P : push pull

**Power Source**  
 T : TTL 5V  
 H : High voltage 8-24V

**Cable Length**  
 010 : 1M

E X H B I - □ □ □ □ - □ □ □ P □ - □ 0 0 2

Resolution	
600	600 P/R
1024	1024 P/R

**Output Phase**  
 X : A  
 Y : AB

**Wiring Entry**  
 R : Radial

**Shaft Diameter**  
 30 : 30mm  
 35 : 35mm  
 40 : 40mm

**Output Mode**  
 P : push pull

**Power Source**  
 T : TTL 5V  
 H : High voltage 8-24V

**Cable Length**  
 002 : 20CM

I N V - □ □ □ □ - □ 8 □ □ - □ 0 1 0

Resolution			
300	600 P/R	600	600 P/R

**Output Phase**  
 X : A  
 Y : AB

**Wiring Entry**  
 R : Radial

**Shaft**  
 8 : 8mm

**Output Mode**  
 V : voltage output  
 O : open collector

**Power Source**  
 T : TTL 5V  
 H : High voltage 8-24V

**Cable Length**  
 010 : 1M

## Ordering information - Encoder Module Series

HS16A	-	<b>Bore Diameter</b> 1.5 : $\Phi$ 1.5mm	-	<b>Resolution P/R</b> 50, 100, 120 P/R	-	<b>Output Mode</b> V : Voltage Output O : Open Collector	-	<b>Output Phase</b> 2 : A, B Phase	-	<b>Power Source</b> 5 : DC 5V	
HS22A	-	<b>Bore Diameter</b> 4 : $\Phi$ 4mm	-	<b>Resolution P/R</b> 200, 256 P/R	-	<b>Output Mode</b> V : Voltage Output	-	<b>Output Phase</b> 2 : A, B Phase 3 : A, B, Z Phase	-	<b>Power Source</b> 5 : DC 5V	
HS30A	-	<b>Resolution P/R</b> 96 : 96 CPR 100 : 100 CPR 192 : 192 CPR 200 : 200 CPR 256 : 256 CPR 360 : 360 CPR 400 : 400 CPR 500 : 500 CPR	-	<b>Temperature</b> P : -40°C ~ 80°C C : -40°C ~ 100°C	-	<b>Shaft Diameter</b> 4 : 4mm 5 : 5mm 6 : 6mm* 6.35 : 6.35mm (1/4")* 8 : 8mm	-	<b>Hub</b> A : aluminum P : plastic (push-on-hub)			

512 : 512 CPR

\* Only 6mm, 6.35mm with push-on-hub option.

<b>HS30B</b>	-	<b>Resolution P/R</b>	-	<b>Temperature</b>	-	<b>Shaft Diameter</b>	-	<b>Hub</b>	-	<b>Output</b>
		50 : 50 CPR 100 : 100 CPR 200 : 200 CPR 256 : 256 CPR 360 : 360 CPR 400 : 400 CPR 500 : 500 CPR 512 : 512 CPR		P : -40°C ~ 80°C C : -40°C ~ 100°C		4 : 4mm 5 : 5mm 6 : 6mm* 6.35 : 6.35mm (1/4")* 8 : 8mm		A : aluminum P : plastic (push-on-hub)		V : voltage L : line driver

\* Only 6mm, 6.35mm with push-on-hub option.

<b>HS56A</b>	-	<b>Resolution P/R</b>	-	<b>Temperature</b>	-	<b>Shaft Diameter</b>	-	<b>Hub</b>	-	<b>Output</b>
		1000 : 1000 CPR 1024 : 1024 CPR 2000 : 2000 CPR 2048 : 2048 CPR		P : -40°C ~ 80°C C : -40°C ~ 100°C		8 : 8mm		A : aluminum P : plastic (push-on-hub)		V : voltage L : line driver

<b>HS301</b>	-	<b>Resolution P/R</b>	-	<b>Temperature</b>	-	<b>Shaft Diameter</b>	-	<b>Hub</b>	-	
		96 : 96 CPR 100 : 100 CPR 192 : 192 CPR 200 : 200 CPR 256 : 256 CPR 360 : 360 CPR 400 : 400 CPR 500 : 500 CPR 512 : 512 CPR		P : -40°C ~ 80°C C : -40°C ~ 100°C		4 : 4mm 5 : 5mm 6 : 6mm* 6.35 : 6.35mm (1/4")* 8 : 8mm		A : aluminum P : plastic (push-on-hub)		

\* Only 6mm, 6.35mm with push-on-hub option.

<b>HS302</b>	-	<b>Resolution P/R</b>	-	<b>Temperature</b>	-	<b>Shaft Diameter</b>	-	<b>Hub</b>	-	
		50 : 50 CPR 100 : 100 CPR 200 : 200 CPR 256 : 256 CPR 360 : 360 CPR 400 : 400 CPR 500 : 500 CPR 512 : 512 CPR		P : -40°C ~ 80°C C : -40°C ~ 100°C		4 : 4mm 5 : 5mm 6 : 6mm* 6.35 : 6.35mm (1/4")* 8 : 8mm		A : aluminum P : plastic (push-on-hub)		

\* Only 6mm, 6.35mm with push-on-hub option.

<b>HS302C</b>	-	<b>Resolution P/R</b>	-	<b>Temperature</b>	-	<b>Shaft Diameter</b>	-	<b>Hub</b>	-	
		50 : 50 CPR 100 : 100 CPR 200 : 200 CPR 256 : 256 CPR 360 : 360 CPR 400 : 400 CPR 500 : 500 CPR 512 : 512 CPR		P : -40°C ~ 80°C C : -40°C ~ 100°C		4 : 4mm 5 : 5mm 6 : 6mm* 6.35 : 6.35mm (1/4")* 8 : 8mm		A : aluminum P : plastic (push-on-hub)		

\* Only 6mm, 6.35mm with push-on-hub option.