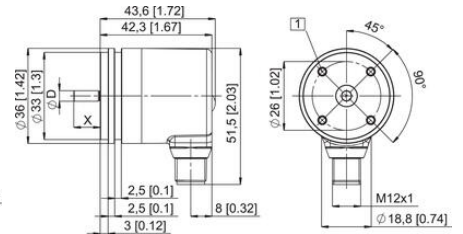
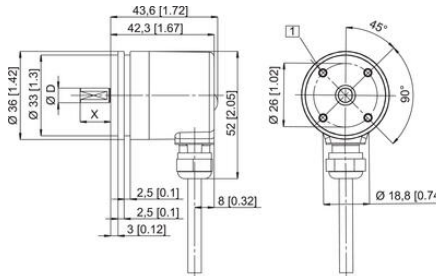
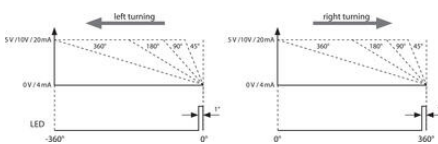
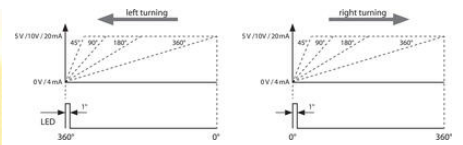
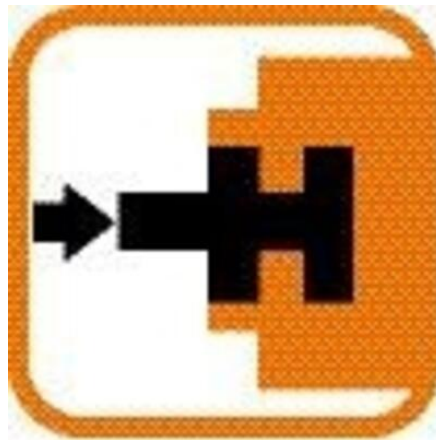


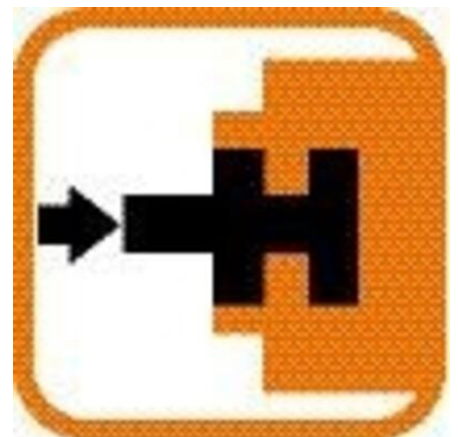
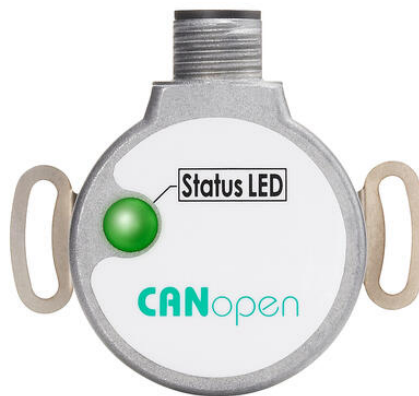
SPECIFICATIONS

Housing diametre	36
IP Class	IP67, IP69K
Shaft Diameter max	8
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85

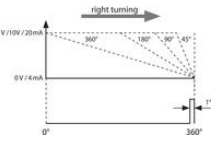
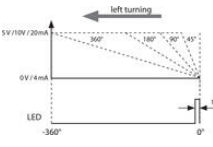
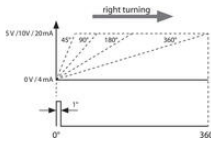
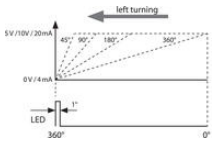


Interface:	Type of connection:	Cable (Isolate unused wires individually before initial start-up)				
3	1,2, A, B	Signal:	0V	+V	+I	-I
(Mounting):		Cable colour:	WH	BN	GN	YE
Interface:	Type of connection:	M12 connector, 5 pin				
3	3, 4	Signal:	0V	+V	+I	-I
(Mounting):		Pin:	3	2	4	5
Interface:	Type of connection:	Cable (Isolate unused wires individually before initial start-up)				
4, 5	1, 2, A, B	Signal:	0V	+V	+U	-U
(Voltage):		Cable colour:	WH	BN	GN	YE
Interface:	Type of connection:	M12 connector, 5 pin				
4, 5	3, 4	Signal:	0V	+V	+U	-U
(Voltage):		Pin:	3	2	4	5

Top view of mating side, male contact base



+V: Encoder power supply +V DC
 0V: Encoder power supply ground GND (0V)
 +U/-U: Voltage + / voltage -
 +I/-I: Current + / current -



Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)
3	1, 2, A, B	Signal
4	Signal	0V -V +U -I
5	Cable colour	WH BN GN YE
Interface 3		
Type of connection: M12 connector, 5 pin		
Signal		
Pin		
3 2 4 5		
Interface 4, 5		
Type of connection: Cable (isolate unused wires individually before initial start-up)		
Signal		
0V -V +U -I		
Cable colour: WH BN GN YE		
Interface 4, 5		
Type of connection: M12 connector, 5 pin		
Signal		
0V -V +U -I		
Pin		
3 2 4 5		

Top view of mating side, male contact base



0V: Encoder power supply +V DC
 -V: Encoder power supply ground GND (0V)
 +U / -U: Voltage + / Voltage -
 +I / -I: Current + / Current -