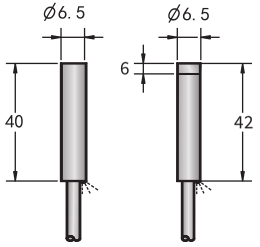
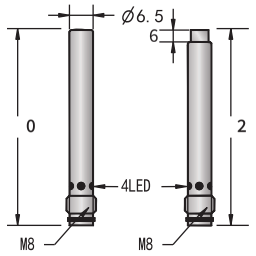
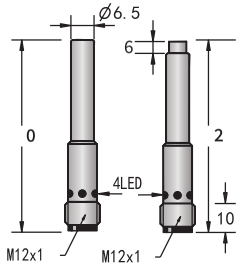
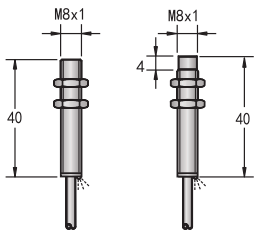
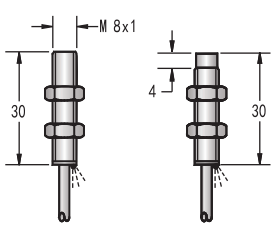
Outer diameter	Φ6.5		Φ6.5	
● Flush ○ Non-Flush	●	○	●	○
Sensing distance Sn: mm	3mm	6mm	3mm	6mm
Housing material	Stainless steel		Stainless steel	
● With indicator ○ Without indicator	●		●	
Product image				
Technical specifications:				
Operating voltage	10-30VDC		10-30VDC	
Allowable ripple voltage	<10%		<10%	
No-load current	<10mA		<10mA	
Maximum load current	200mA		200mA	
Leakage current	<0.01mA		<0.01mA	
Voltage drop	<2.0V		<2.0V	
Switching frequency	1KHZ	500HZ	1KHZ	500HZ
Response time	0.2ms/0.2ms	0.5ms/0.5ms	0.2ms/0.2ms	0.5ms/0.5ms
Hysteresis	<15%(Sr)		<15%(Sr)	
Repeat accuracy	<1.0%(Sr)		<1.0%(Sr)	
IP rating	IP67		IP67	
Operating temperature	-25℃-+70℃		-25℃-+70℃	
Temperature drift	<10%(Sr)		<10%(Sr)	
Short-circuit protection	YES		YES	
Overload current	220mA		220mA	
Sensing face material	POM		POM	
DC 3-wire NPN N.O.	HS3-S6.5-N01	1 HS3-S6.5-N11	HS3-S6.5-N01-P3	1 HS3-S6.5-N11-P3
DC 3-wire NPN N.C.	HS3-S6.5-N02	2 HS3-S6.5-N12	HS3-S6.5-N02-P3	2 HS3-S6.5-N12-P3
DC 3-wire PNP N.O.	HS3-S6.5-P01	3 HS3-S6.5-P11	HS3-S6.5-P01-P3	3 HS3-S6.5-P11-P3
DC 3-wire PNP N.C.	HS3-S6.5-P02	4 HS3-S6.5-P12	HS3-S6.5-P02-P3	4 HS3-S6.5-P12-P3
DC 4-wire NPN (N.O.+ N.C.)				
DC 4-wire PNP (N.O.+ N.C.)				
Dimensions (unit: mm)				
				
Cable length 2m	2. Φ3x0.15			
Weight (approximate)	36 g		17 g	16 g

Φ6.5		M8		M8	
●	○	●	○	●	○
3mm	6mm	1.5mm	2mm	1.5mm	2mm
Stainless steel		Stainless steel or nickel-plated brass		Stainless steel or nickel-plated brass	
●		●		●	
					
Technical specifications:					
10-30VDC		10-30VDC		10-30VDC	
<10%		<10%		<10%	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<2.0V		<1.5V		<1.5V	
1KHZ	500HZ	2KHZ		2KHZ	
0.2ms/0.2ms	0.5ms/0.5ms	0.1ms/0.1ms		0.1ms/0.1ms	
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
IP67		IP67		IP67	
-25℃-+70℃		-25℃-+70℃		-25℃-+70℃	
<10%(Sr)		<10%(Sr)		<10%(Sr)	
YES		YES		YES	
220mA		220mA		220mA	
POM		POM		POM	
HS3-S6.5-N01-E4	1 HS3-S6.5-N11-E4	HS-C08-N01	1 HS-C08-N11	HS-CS08-N01	1 HS-CS08-N11
HS3-S6.5-N02-E4	2 HS3-S6.5-N12-E4	HS-C08-N02	2 HS-C08-N12	HS-CS08-N02	2 HS-CS08-N12
HS3-S6.5-P01-E4	3 HS3-S6.5-P11-E4	HS-C08-P01	3 HS-C08-P11	HS-CS08-P01	3 HS-CS08-P11
HS3-S6.5-P02-E4	4 HS3-S6.5-P12-E4	HS-C08-P02	4 HS-C08-P12	HS-CS08-P02	4 HS-CS08-P12
Dimensions (unit: mm)					
					
		2. Φ3x0.15 or 2. Φ4x0.15		2. Φ3x0.15	
25 g		40g		47 g	