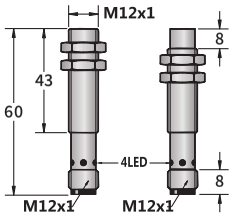
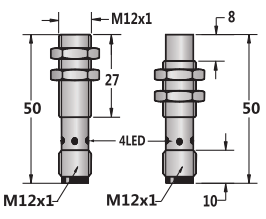
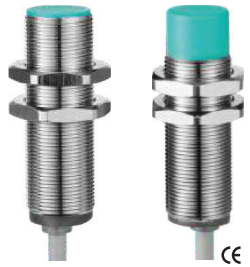
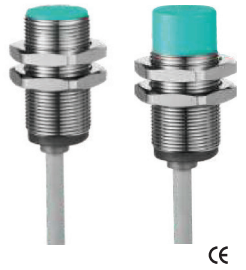
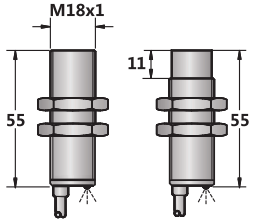
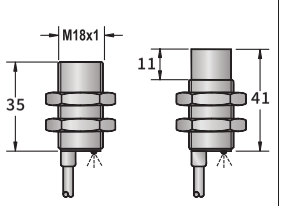
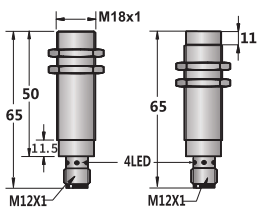
Outer diameter	M12		M12	
● Flush ○ Non-Flush	●	○	●	○
Sensing distance Sn: mm	4mm	8mm	4mm	8mm
Housing material	Stainless steel or nickel-plated brass		Stainless steel or nickel-plated brass	
● With indicator ○ Without indicator	●		●	
Product image				
Technical specifications:				
Operating voltage	10-60VDC		10-60VDC	
Allowable ripple voltage	<10%		<10%	
Output method	N.O. or N.C.		N.O. or N.C.	
Load current	3-100mA		3-100mA	
Leakage current	<0.8mA		<0.8mA	
Voltage drop	≤5.5V		≤5.5V	
Polarity reverse protection	YES		YES	
Short-circuit protection	YES		YES	
Overload current	>120mA		>120mA	
Instant protection	2 KV,1 ms,1kohm		2 KV,1 ms,1kohm	
Switching frequency	1KHZ	500HZ	1KHZ	500HZ
Hysteresis	<15%(Sr)		<15%(Sr)	
Temperature drift	±10%		±10%	
Repeat accuracy	<2%(Sr)		<2%(Sr)	
Operating temperature	-25℃-+70℃		-25℃-+70℃	
DC 2-wire N.O.	HS2-C12-A01-E4	7	HS2-CS12-A01-E4	7
DC 2-wire N.C.	HS2-C12-A02-E4	8	HS2-CS12-A02-E4	8
Dimensions (unit: mm)				
Cable length 2m				
Weight (approximate)	31g	30g	25g	23g

M18		M18		M18	
●	○	●	○	●	○
5mm	8mm	5mm	8mm	5mm	8mm
Stainless steel or nickel-plated brass		Stainless steel or nickel-plated brass		Stainless steel or nickel-plated brass	
●		●		●	
					
Technical specifications:					
10-60VDC		10-60VDC		10-60VDC	
<10%		<10%		<10%	
N.O. or N.C.		N.O. or N.C.		N.O. or N.C.	
3-100mA		3-100mA		3-100mA	
<0.8mA		<0.8mA		<0.8mA	
≤5.5V		≤5.5V		≤5.5V	
YES		YES		YES	
YES		YES		YES	
>120mA		>120mA		>120mA	
2 KV,1 ms,1kohm		2 KV,1 ms,1kohm		2 KV,1 ms,1kohm	
1KHZ	500HZ	1KHZ	500HZ	1KHZ	500HZ
<15%(Sr)		<15%(Sr)		<15%(Sr)	
±10%		±10%		±10%	
<2%(Sr)		<2%(Sr)		<2%(Sr)	
-25℃-+70℃		-25℃-+70℃		-25℃-+70℃	
HS-C18-A01	7 HS-C18-A11	HS-CS18-A01	7 HS-CS18-A11	HS-C18-A01-E4	7 HS-C18-A11-E4
HS-C18-A02	8 HS-C18-A12	HS-CS18-A02	8 HS-CS18-A12	HS-C18-A02-E4	8 HS-C18-A12-E4
Dimensions (unit: mm)					
4.8Φ3x0.5 or 4.8Φ4x0.5		4.8Φ3x0.34 or 4.8Φ4x0.34			
93g	97g	132g	134g	94g	91g