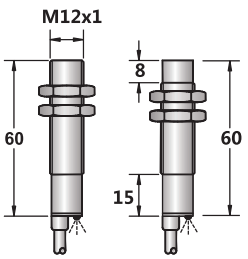
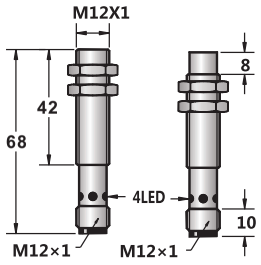
Outer diameter	M12		M12	
● Flush ○ Non-Flush	●	○	●	○
Sensing distance Sn: mm	2mm	4mm	2mm	4mm
Housing material	Stainless steel or nickel-plated brass		Stainless steel or nickel-plated brass	
● With indicator ○ Without indicator	●		●	
Product image				

Technical specifications:

Operating voltage	20-250VAC/20-250VDC			20-250VAC/20-250VDC		
No-load current	<2.5mA			<2.5mA		
Maximum load current	200mA			200mA		
Leakage current	<2.5mA			<2.5mA		
Current peak	2.2A for 20ms			2.2A for 20ms		
Minimum load current	5mA			5mA		
Voltage drop	<10VAC;8VDC			<10VAC;8VDC		
Switching frequency	25HZ AC;40HZ DC			25HZ AC;40HZ DC		
Response time	10ms/10ms			10ms/10ms		
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	NO			NO		
Sensing face material	POM	PBT		POM	PBT	
AC/DC 2-wire N.O.	**HS-C12-U01**	11	**HS-C12-U11**	**HS-C12-U01-E**	11	**HS-C12-U11-E**
AC/DC 2-wire N.C.	**HS-C12-U02**	12	**HS-C12-U12**	**HS-C12-U02-E**	12	**HS-C12-U12-E**

Dimensions (unit: mm)





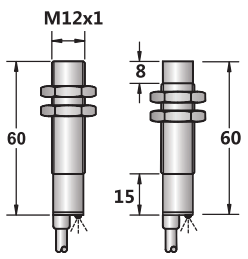
Cable length 2m	3.8Φ3x0.34	
Weight (approximate)	77g	76g	14g

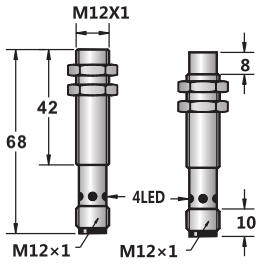
	M12		M12		M1	
	●	○	●	○	●	○
	4mm	6mm	4mm	6mm	5mm	8mm
	Stainless steel or nickel-plated brass		Stainless steel or nickel-plated brass		Nickel-plated copper	
	●		●		●	
						

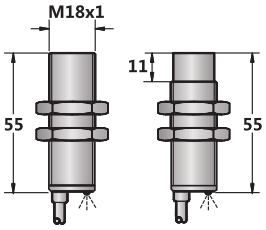
Technical specifications:

20-250VAC/20-250VDC			20-250VAC/20-250VDC			20-250VAC/20-250VDC		
<2.5mA			<2.5mA			<2.5mA		
200mA			200mA			200mA		
<2.5mA			<2.5mA			<2.5mA		
2.2A for 20ms			2.2A for 20ms			2.2A for 20ms		
5mA			5mA			5mA		
<10VAC;8VDC			<10VAC;8VDC			<10VAC;8VDC		
25HZ AC;40HZ DC			25HZ AC;40HZ DC			25HZ AC;40HZ DC		
10ms/10ms			10ms/10ms			10ms/10ms		
<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)		
NO			NO			NO		
PBT			PBT			PBT		
HS2-C12-U01	11	**HS2-C12-U11**	**HS2-C12-U01-E**	11	**HS2-C12-U11-E**	**HS-C1 -U01**	11	**HS-C1 -U11**
HS2-C12-U02	12	**HS2-C12-U12**	**HS2-C12-U02-E**	12	**HS2-C12-U12-E**	**HS-C1 -U02**	12	**HS-C1 -U12**

Dimensions (unit: mm)







3.8Φ3x0.34			4.8Φ3x0.5
77g	76g	14g	161g	160g