

# Inductive Sensors

## NAMUR



### Descriptions

Metal housing, threaded barrel, standard operating voltage for explosion-proof applications, to be connected to insulation barriers, degree of protection IP67

### Features

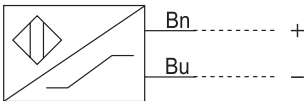
- High switching frequency
- To be connected to ELCO ECXI insulation barriers (detailed in sample)

### Technical Data

Type	Rated operating distance Sn	Mounting	Output	Voltage range UB	Rated current	Switching frequency	Ambient temperature	Connection	Mechanical drawing
Fi1.5-KM08S-NE	1.5mm	flush	NUMAR	7.7...9VDC	≥2.2mA(non-triggered) ≤1mA(triggered)	2500Hz	-25...70°C	2m cable	1
Ni2-KM08S-NE	2mm	non flush	NUMAR	7.7...9VDC	≥2.2mA(non-triggered) ≤1mA(triggered)	2000Hz	-25...70°C	2m cable	2
Fi2-M12S-NE	2mm	flush	NUMAR	7.7...9VDC	≥2.2mA(non-triggered) ≤1mA(triggered)	2000Hz	-25...70°C	2m cable	3
Ni4-M12S-NE	4mm	non flush	NUMAR	7.7...9VDC	≥2.2mA(non-triggered) ≤1mA(triggered)	1500Hz	-25...70°C	2m cable	4
Fi5-M18S-NE	5mm	flush	NUMAR	7.7...9VDC	≥2.2mA(non-triggered) ≤1mA(triggered)	1500Hz	-25...70°C	2m cable	5
Ni8-M18S-NE	8mm	non flush	NUMAR	7.7...9VDC	≥2.2mA(non-triggered) ≤1mA(triggered)	1000Hz	-25...70°C	2m cable	6
Fi10-M30S-NE	10mm	flush	NUMAR	7.7...9VDC	≥2.2mA(non-triggered) ≤1mA(triggered)	1000Hz	-25...70°C	2m cable	7
Ni15-M30S-NE	15mm	non flush	NUMAR	7.7...9VDC	≥2.2mA(non-triggered) ≤1mA(triggered)	800Hz	-25...70°C	2m cable	8

### Connection Diagram

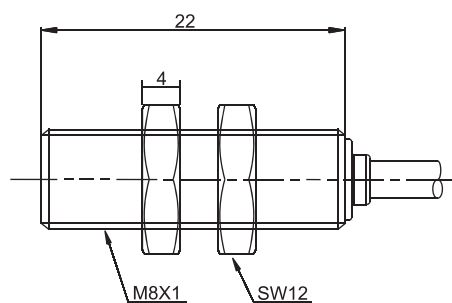
Cable



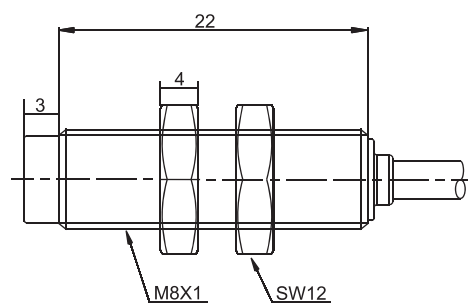
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## Mechanical Drawing

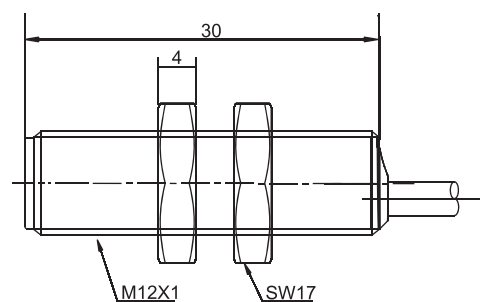
Drawing 1



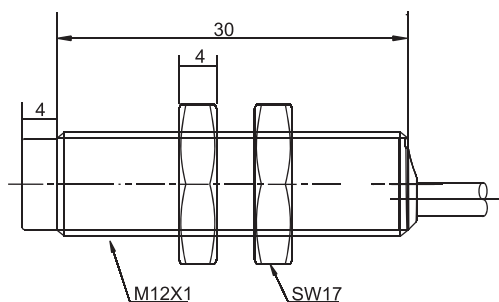
Drawing 2



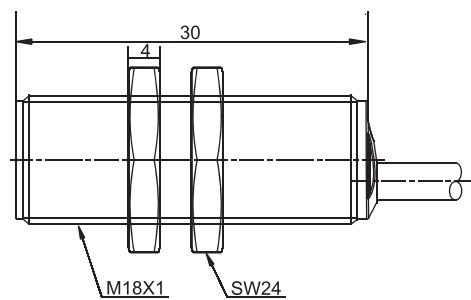
Drawing 3



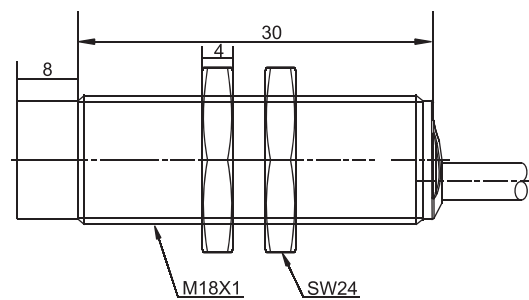
Drawing 4



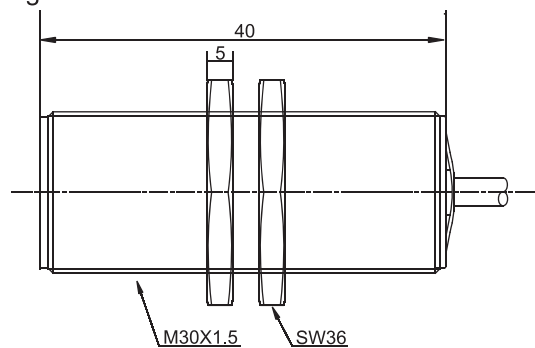
Drawing 5



Drawing 6



Drawing 7



Drawing 8

