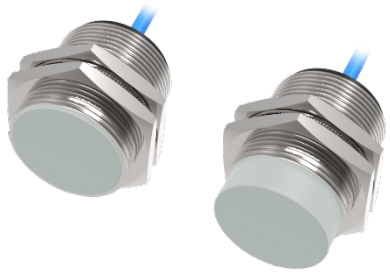
NAMUR inductive sensors **LR30X** series



Features

- Non-contact detection, safe and reliable;
- Low voltage and current output, suitable for explosive area;

CE

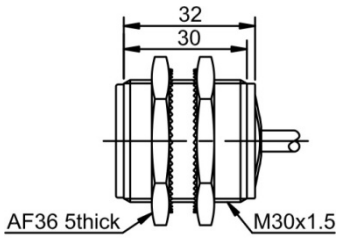
Part number

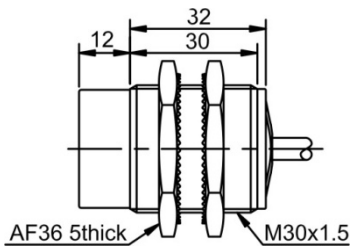
NAMUR	LR30XAF10FLCN	LR30XAN15FLCN

Technical specifications

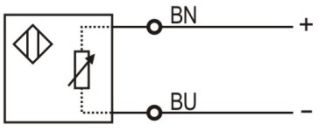
Mounting	Flush	Non-flush	Load resistance	⩾1KΩ	
Rated distance [Sn]	10mm	15mm	Circuit protection	…	
Assured distance [Sa]	0…8mm	0…12mm	Output indicator	…	
Dimensions	M30*32mm	M30*44mm	Ambient temperature	-25℃…70℃	
Output	NAMUR		Ambient humidity	35…95%RH	
Supply voltage	8.2 VDC		Switching frequency [F]	1000 Hz	800Hz
Standard target	Fe 30*30*1t	Fe 45*45*1t	Voltage withstand	…	
Switch-point drifts [%/Sr]	⩽±10%		Insulation resistance	≥50MΩ (500VDC)	
Hysteresis range [%/Sr]	1…20%		Vibration resistance	10…50Hz (1.5mm)	
Repeat accuracy [R]	⩽3%		Degree of protection	IP67	
Output current	Triggered ⩽1mA		Housing material	Nick-copper alloy	
	Not triggered ⩾2.2mA		Connection type	2m PVC cable	

Dimensions





Wiring diagram



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