NAMUR inductive sensors **LR18X** series



Features

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

CE

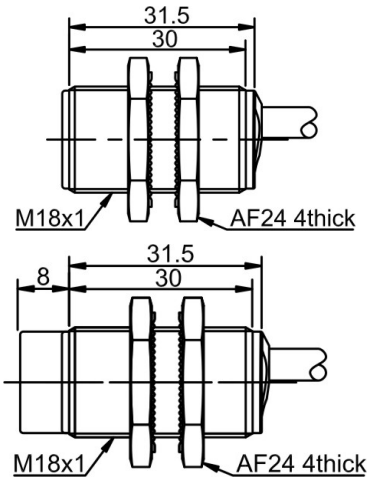
Part number

NAMUR	LR18XAF05FLCN	LR18XAN08FLCN

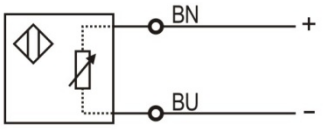
Technical specifications

Mounting	Flush	Non-flush	Load resistance	⩾1KΩ	
Rated distance [Sn]	5mm	8mm	Circuit protection	…	
Assured distance [Sa]	0…4mm	0…6.4mm	Output indicator	…	
Dimensions	M18*31.5mm	M18*39.5mm	Ambient temperature	-25℃…70℃	
Output	NAMUR		Ambient humidity	35…95%RH	
Supply voltage	8.2 VDC		Switching frequency [F]	1500 Hz	1000 Hz
Standard target	Fe 18*18*1t	Fe 24*24*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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