NAMUR inductive sensors **LR05** series



Features

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

CE

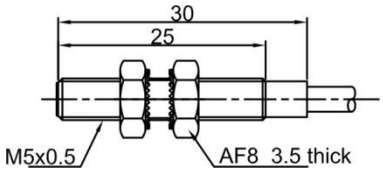
Part number

NAMUR	LR05AF08FLCN

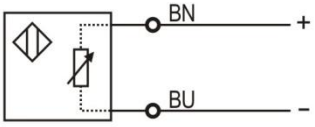
Technical specifications

Mounting	Flush	Load resistance	⩾1KΩ
Rated distance [Sn]	0.8mm	Circuit protection	…
Assured distance [Sa]	0…0.64mm	Output indicator	…
Dimensions	M5*30mm	Ambient temperature	-25℃…70℃
Output	NAMUR	Ambient humidity	35…95%RH
Supply voltage	8.2 VDC	Switching frequency [F]	3000 Hz
Standard target	Fe 5*5*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	Stainless steel SUS 304
	Not triggered⩾2.2mA	Connection type	2m PVC cable

Dimensions



Wiring diagram



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