

NJ INDUCTIVE SENSORS

Product Data Sheet

NJ15-30GK50-E2-30M

15 mm PNP normally-open inductive sensor

SWITCHING FUNCTION	RATED OPERATING DISTANCE	INSTALLATION	OUTPUT POLARITY
PNP normally open	15 mm	Non-flush	DC

Pepperl+Fuchs NJ15-30GK50-E2-30M is a 15 mm PNP normally-open inductive sensor in the NJ inductive sensors family. The complete article identifies its documented electrical, communication and functional arrangement.

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VERIFIED TECHNICAL DATA

Switching function	PNP normally open
Rated operating distance	15 mm
Installation	Non-flush
Output polarity	DC
Assured operating distance	0 to 12.15 mm
Aluminum reduction factor	0.4
Stainless-steel reduction factor	0.71
Operating voltage	10 to 60 V DC
Switching frequency	0 to 500 Hz
Voltage drop	2.8 V maximum

ADDITIONAL PRODUCT DATA

Operating current	0 to 200 mA
Off-state current	0.5 mA maximum; 0.01 mA typical
No-load supply current	9 mA maximum
Response availability delay	50 ms maximum
Protection degree	IP68

DOCUMENTED USE SETTINGS

Metals, Mining and Mineral Industries: Steel and nonferrous metal sites.

Data Center and Digital Infrastructure: Enterprise data center facilities.

Marine, Shipbuilding and Port Industries: Shipbuilding and marine sites.

SYSTEM COMPATIBILITY

NJ15-30GK50-E2-30M provides the documented role of 15 mm PNP normally-open inductive sensor within NJ inductive sensors. Match the complete article with the installed host and system architecture.

PRODUCT EVIDENCE

Pepperl+Fuchs NJ inductive sensors manufacturer documentation