

# Inductive sensors / With integrated rotation speed monitor **LR18X/LR30X**

10-30VDC 3 Wires

Item Code	LR18X		LR30X	
Mounting	● Flushed	◐ Non-flushed	● Flushed	◐ Non-flushed
Sensing distance	5mm	8mm	10mm	15mm



Output	NPN NC	LR18XCF05DNCJ	LR18XCN08DNCJ	LR30XCF10DNCJ	LR30XCN15DNCJ
Output	PNP NC	LR18XCF05DPCJ	LR18XCN08DPCJ	LR30XCF10DPCJ	LR30XCN15DPCJ

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	<±10% Sr	<±10% Sr	<±10% Sr	<±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA
Voltage drop	<2.5V	<2.5V	<2.5V	<2.5V
Consumption current	<15mA	<15mA	<15mA	<15mA
Hysteresis	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%
Frequency	...	...	...	...
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes
Speed	3...3000 transgenic/minutes	3...3000 transgenic/minutes	3...3000 transgenic/minutes	3...3000 transgenic/minutes
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67
Housing material	Nickel-copper Alloy	Nickel-copper Alloy	Nickel-copper Alloy	Nickel-copper Alloy
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U <sub>L</sub>	CE U <sub>L</sub>	CE U <sub>L</sub>	CE U <sub>L</sub>

\* Cable material and length can be customized

