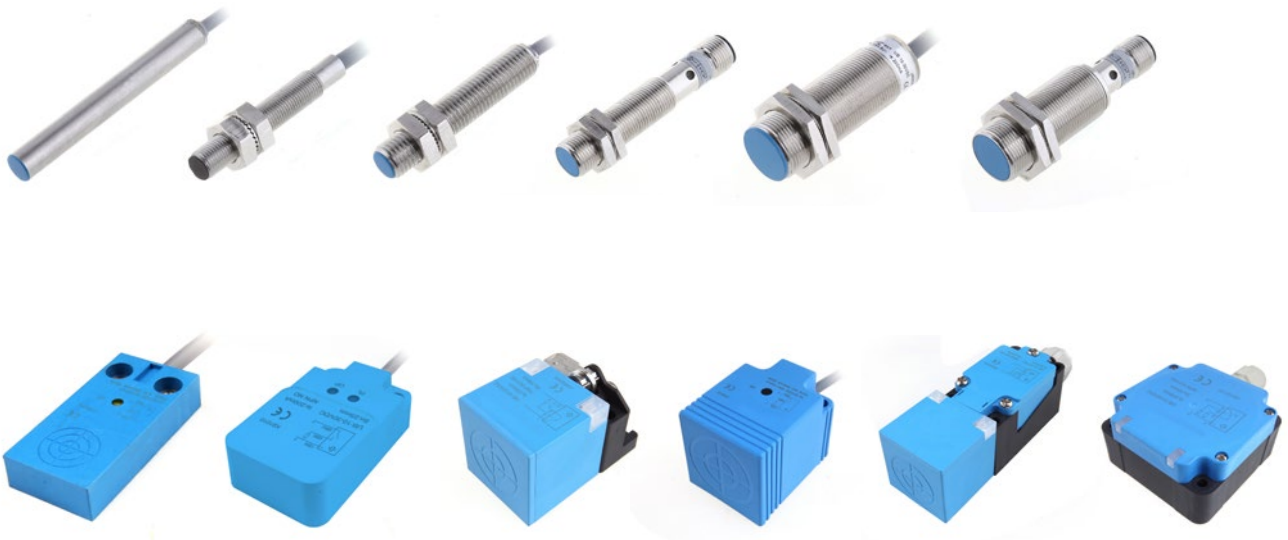


Product News 02 / 2015

# Inductive Proximity Switches



**new series | cost-efficient | extended sensing distance | also with analogue output (for distance measurement) | easy and quick selection with product configurator**

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## proximity switches cylindrical housing without thread



Housing	Length	Operating Distance	Mounting	Output	Connection	Type	Ref. No.
Ø4 mm	30 mm	0,8 mm	flush	pnp (NO)	PUR, 2m	IAD-4er30b1,5-1PD1A 2m	114401-020
Ø6,5 mm	40 mm	2,0 mm	flush	pnp (NO)	PVC, 2m	IAD-6,5er40b2-1ND1A 2m	114405-020
Ø6,5 mm	54 mm	2,0 mm	flush	pnp (NO)	M8	IAD-6,5er54b2-1W1A	114406
Ø6,5 mm	43 mm	4,0 mm	non-flush	pnp (NO)	PVC, 2m	IAD-6,5er43n4-1ND1A 2m	114409-020
Ø6,5 mm	57 mm	4,0 mm	non-flush	pnp (NO)	M8	IAD-6,5er57n4-1W1A	114410

## proximity switches cylindrical housing with thread



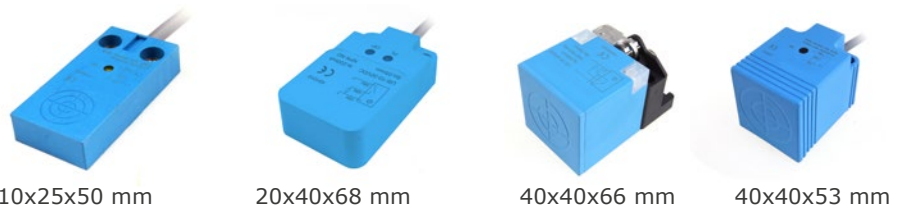
Housing	Length	Operating Distance	Mounting	Output	Connection	Type	Ref. No.
M5	30 mm	0,8 mm	flush	pnp (NO)	PUR, 2m	IAD-5eg30b1,5-1PD1A 2m	114403-020
M8	40 mm	2,0 mm	flush	pnp (NO)	PVC, 2m	IAD-8eg40b2-1ND1A 2m	114501-020
M8	54 mm	2,0 mm	flush	pnp (NO)	M8	IAD-8eg54b2-1W1A	114502
M8	65 mm	2,0 mm	flush	pnp (NO)	M12	IAD-8cg65b2-1S1A	114503
M8	43 mm	4,0 mm	non-flush	pnp (NO)	PVC, 2m	IAD-8eg43n4-1ND1A 2m	114504-020
M8	57 mm	4,0 mm	non-flush	pnp (NO)	M8	IAD-8eg57n4-1W1A	114505
M8	68 mm	4,0 mm	non-flush	pnp (NO)	M12	IAD-8cg68n4-1S1A	114506
M12	51 mm	4,0 mm	flush	pnp (NO+NC)	PVC, 2m	IAD-12cg51b4-12ND1A 2m	114423-020
M12	63 mm	4,0 mm	flush	pnp (NO+NC)	M12	IAD-12cg63b4-12S1A	114424
M12	59 mm	8,0 mm	non-flush	pnp (NO+NC)	PVC, 2m	IAD-12cg59n8-12ND1A 2m	114425-020
M12	71 mm	8,0 mm	non-flush	pnp (NO+NC)	M12	IAD-12cg71n8-12S1A	114426
M12	61 mm	6,0 mm	flush	pnp (NO)	PVC, 2m	IAD-12cg61b6-1ND1A 2m	114427-020
M12	73 mm	6,0 mm	flush	pnp (NO)	M12	IAD-12cg73b6-1S1A	114428
M12	69 mm	10,0 mm	non-flush	pnp (NO)	PVC, 2m	IAD-12cg69n10-1ND1A 2m	114431-020
M12	81 mm	10,0 mm	non-flush	pnp (NO)	M12	IAD-12cg81n10-1S1A	114432

## proximity switches cylindrical housing with thread



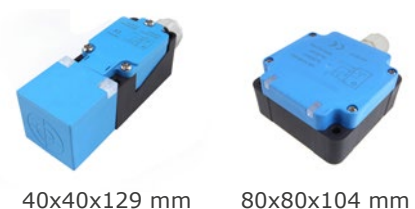
Housing	Length	Operating Distance	Mounting	Output	Connection	Type	Ref. No.
M18	64 mm	12,0 mm	non-flush	pnp (NO+NC)	PVC, 2m	IAD-18cg64n12-12ND1A 2m	114441-020
M18	75 mm	12,0 mm	non-flush	pnp (NO+NC)	M12	IAD-18cg75n12-12S1A	114442
M18	74 mm	20,0 mm	non-flush	pnp (NO)	PVC, 2m	IAD-18cg74n20-1ND1A 2m	114443-020
M18	85 mm	20,0 mm	non-flush	pnp (NO)	M12	IAD-18cg85n20-1S1A	114444
M30	64 mm	15,0 mm	non-flush	pnp (NO+NC)	PVC, 2m	IAD-30cg64n15-12ND1A 2m	114449-020
M30	77 mm	15,0 mm	non-flush	pnp (NO+NC)	M12	IAD-30cg77n15-12S1A	114450
M30	52 mm	15,0 mm	flush	pnp (NO+NC)	PVC, 2m	IAD-30cg52b15-12ND1A 2m	114451-020
M30	63 mm	15,0 mm	flush	pnp (NO+NC)	M12	IAD-30cg63b15-12S1A	114452
M30	67 mm	22,0 mm	non-flush	pnp (NO+NC)	PVC, 2m	IAD-30cg67n22-12ND1A 2m	114453-020

## proximity switches rectangular housing



Housing	Length	Operating Distance	Mounting	Output	Connection	Type	Ref. No.
10x25 mm	50 mm	5 mm	flush	pnp (NO)	PVC, 2m	IAD-10x25fq50b5-1ND1A 2m	114477-020
10x25 mm	50 mm	8 mm	non-flush	pnp (NO)	PVC, 2m	IAD-10x25fq50n8-1ND1A 2m	114479-020
20x40 mm	68 mm	15 mm	flush	pnp (NO)	M12	IAD-20x40fq68b15-1S1A	114482
20x40 mm	68 mm	25 mm	non-flush	pnp (NO)	M12	IAD-20x40fq68n25-1S1A	114484
40x40 mm	66 mm	25 mm	flush	pnp (NO+NC)	M12	IAD-40fq66b25-12S1A	114485
40x40 mm	66 mm	40 mm	non-flush	pnp (NO+NC)	M12	IAD-40fq66n40-12S1A	114486
40x40 mm	53 mm	15 mm	flush	pnp (NO+NC)	PVC, 2m	IAD-40fq53b15-12ND1A 2m	114475-020
40x40 mm	53 mm	20 mm	non-flush	pnp (NO+NC)	PVC, 2m	IAD-40fq53n20-12ND1A 2m	114476-020

## proximity switches rectangular housing



Housing	Length	Operating Distance	Mounting	Output	Connection	Type	Ref. No.
40x40 mm	129 mm	25 mm	flush	pnp (NO+NC)	M12	IAD-40fq129b25-12S1A	114489
40x40 mm	129 mm	40 mm	non-flush	pnp (NO+NC)	M12	IAD-40fq129n40-12S1A	114490
80x80 mm	104 mm	50 mm	flush	pnp (NO+NC)	M12	IAD-80x104fq40b50-12S1A	114493
80x80 mm	104 mm	70 mm	non-flush	pnp (NO+NC)	M12	IAD-80x104fq40n70-12S1A	114494

**proximity switches  
with analogue output  
for distance measurement  
cylindrical housing  
with thread**



Housing	Length	Operating Distance	Mounting	Output	Connection	Type	Ref. No.
M12	50 mm	0,25 ... 3 mm	flush	1-9V	PVC, 2m	IGA-12mg50b0,25/3-1ND1 2m	130214-020
M12	60 mm	0,25 ... 3 mm	flush	1-9V	M12	IGA-12mg60b0,25/3-1Sd1	130215
M12	73 mm	0,4 ... 2 mm	flush	0-10V, 0-20mA	M12	IGI-12cg73b0,4/2-12S1	130252
M12	77 mm	0,8 ... 4 mm	non-flush	0-10V, 0-20mA	M12	IGI-12cg77n0,8/4-12S1	130254
M18	80 mm	2 ... 5 mm	flush	1-9V	M12	IGA-18mg80n2/5-1S1	132702
M18	50 mm	1 ... 8 mm	non-flush	1-9V	PVC, 2m	IGA-18mg50n1/8-1ND1 2m	130216-020
M18	61 mm	1 ... 8 mm	non-flush	1-9V	M12	IGA-18mg61n1/8-1Sd1	130211
M18	73 mm	1 ... 5 mm	flush	0-10V, 0-20mA	M12	IGI-18cg73b1/5-12S1	130256
M18	81 mm	1,6 ... 8 mm	non-flush	0-10V, 0-20mA	M12	IGI-18cg81n1,6/8-12S1	130258
M30	40 mm	1 ... 9 mm	flush	1-9V	PVC, 2m	IGA-30mg40b1/9-1ND1 2m	130213-020
M30	50 mm	1 ... 9 mm	flush	1-9V	M12	IGA-30mg50b1/9-1Sd1	130212
M30	50 mm	3 ... 15 mm	non-flush	1-9V	M12	IGA-30mg50n3/15-1Sd1	130217
M30	73 mm	2 ... 10 mm	flush	0-10V, 0-20mA	M12	IGI-30cg73b2/10-12S1	130260
M30	85 mm	3 ... 15 mm	non-flush	0-10V, 0-20mA	M12	IGI-30cg85n3/15-12S1	130262

**proximity switches  
with analogue output  
for distance measurement  
rectangular housing**



Housing	Length	Operating Distance	Mounting	Output	Connection	Type	Ref. No.
40x40 mm	66 mm	2 ... 10 mm	flush	0-10V, 0-20mA	M12	IGI-40fq66b2/10-12S1	130264
40x40 mm	66 mm	3 ... 15 mm	non-flush	0-10V, 0-20mA	M12	IGI-40fq66n3/15-12S1	130266
40x40 mm	129 mm	2 ... 10 mm	flush	0-10V, 0-20mA	M12	IGI-40fq129b2/10-12S1	130268
40x40 mm	129 mm	3 ... 15 mm	non-flush	0-10V, 0-20mA	M12	IGI-40fq129n3/15-12S1	130270
80x80 mm	104 mm	8 ... 40 mm	flush	0-10V, 0-20mA	M12	IGI-80x104fq40b8/40-12S1	130272
80x80 mm	105 mm	10 ... 50 mm	non-flush	0-10V, 0-20mA	M12	IGI-80x104fq40n10/50-12S1	130274