

PB

Inductive Proximity Sensor



Key Features

- Shielded & unshielded versions
- Standard & long sensing range
- LED indication, 360° visible
- IP67 nickel plated brass housing or stainless steel
- AC & DC versions available



IMO Inductive Proximity Sensors range from 3mm in diameter to 30mm threaded, and a small selection of the more popular types is listed below. The standard body is made of nickel plated brass with stainless steel being available in the smaller devices and optional in the bigger sizes. Most devices are available as pre-cabled (2m standard, other lengths available) or with M8/M12 connector. In addition IMO also offers a range of cables to suit all sensors. Please visit www.imopc.com for information on IMO's full range.

PB Series Selection

Barrel Size	Type	Part Number	Output Logic	Sensing Distance	Exit	Length (mm)
M8	Shielded	PB0801/DSAP-H	PNP	1.5mm	M12 Plug	66
	Unshielded	PB0802/DUAP-H	PNP	2mm	M12 Plug	71
M12	Shielded	PB1202/DSAP-H	PNP	2mm	M12 Plug	65
	Unshielded	PB1204/DUAP-H	PNP	4mm	M12 Plug	70
M18	Shielded	PB1805/DSAP-H	PNP	5mm	M12 Plug	62
	Unshielded	PB1808/DUAP-H	PNP	8mm	M12 Plug	70.5
M30	Shielded	PB3010/DSAP-H	PNP	10mm	M12 Plug	68
	Unshielded	PB3015/DUAP-H	PNP	15mm	M12 Plug	81

Part Number	Output Logic	Sensing Distance	Exit	Length (mm)
PB0802/DSAP-H	PNP	2mm	M12 Plug	66
PB0804/DUAN-A	NPN	4mm	2m Cable	50
PB1204/DSAP-H	PNP	4mm	M12 Plug	65
PB1207/DUAP-H	PNP	7mm	M12 Plug	70
PB1808/DSAP-H	PNP	8mm	M12 Plug	62
PB1812/DUAP-H	PNP	12mm	M12 Plug	70.5
PB3015/DSAP-H	PNP	15mm	M12 Plug	68
PB3022/DUAP-H	PNP	22mm	M12 Plug	81

NOTE: Some popular options are shown above. For other options, please contact IMO.

FM

Inductive Proximity Sensor



Key Features

- Complete range of full metal inductive sensors
- AISI316L stainless steel housing, including the facia



Barrel Size	Installation	Sensing Distance	Connection	Distance (mm)	PNP NO	NPN NO	PNP NC	NPN NC
M8	Shielded	Enhanced	M8	2mm	FMES/AP-3F	FMES/AN-3F	FMES/CP-3F	FMES/CN-3F
M12	Shielded	Enhanced	M12	3mm	FMM6/AP-3H	FMM6/AN-3H	FMM6/CP-3H	FMM6/CN-3H

Barrel Size	Installation	Sensing Distance	Connection	Distance (mm)	PNP NO	NPN NO	PNP NO+NC	NPN NO+NC
M18	Shielded	Enhanced	M12	5mm	-	-	FMK6/BP-3H	FMK6/BN-3H
M30	Shielded	Enhanced	M12	10mm	-	-	FMT6/BP-3H	FMT6/BN-3H

AE / AM / AK

Inductive Analogue Sensor



Key Features

- Analogue output
- Metal housing
- M8, M12 & M18 housing
- Flush mounting



Inductive Analogue Sensor Selection

	Operating Voltage	Sensing Distance (mm)	Output	Exit	Length (mm)
AE1/D1-7A	15-30VDC	4	0-10VDC	Pre-cabled	45
AM1/D2-5A	15-30VDC	6	0-10VDC / 4-20mA	Pre-cabled	50
AM1/D2-5H	15-30VDC	6	0-10VDC / 4-20mA	M12 plug	60
AK6/D2-5A	15-30VDC	10	0-10VDC / 4-20mA	Pre-cabled	36
AK6/D2-5H	15-30VDC	10	0-10VDC / 4-20mA	M12 plug	48.5

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