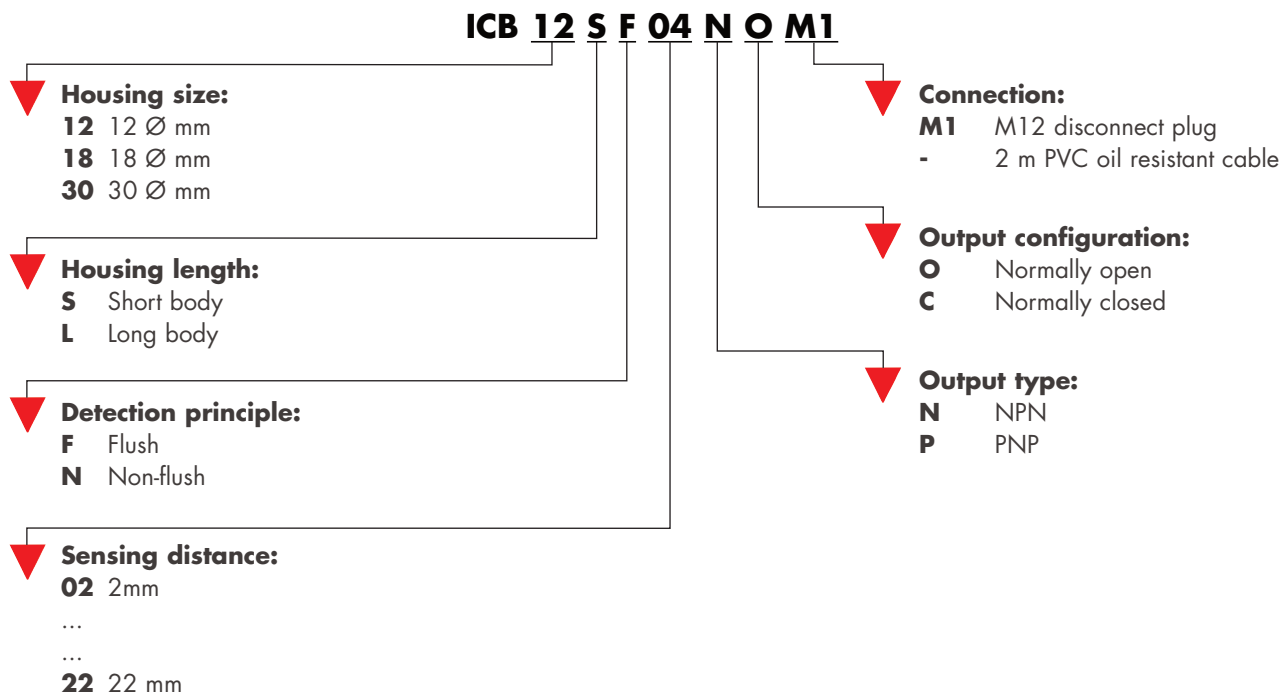


ICB Series

Inductive Proximity Sensors

The new generation of inductive proximity sensors: ICB Series



The ICB12 family

Housing dimensions			M12 (3-wire DC)							
Material			Nickel-plated brass							
Rated operational voltage			10-36 VDC							
Switching frequency			≤ 2000 Hz							
Sensing range			Standard				Extended			
Rated operating distance			2 mm		4 mm		4 mm		8 mm	
Installation type			Flush		Non-flush		Flush		Non-flush	
Barrel			Short	Long	Short	Long	Short	Long	Short	Long
Cable	NPN	NO	ICB12SF02NO	ICB12LF02NO	ICB12SN04NO	ICB12LN04NO	ICB12SF04NO	ICB12LF04NO	ICB12SN08NO	ICB12LN08NO
		NC	ICB12SF02NC	ICB12LF02NC	ICB12SN04NC	ICB12LN04NC	ICB12SF04NC	ICB12LF04NC	ICB12SN08NC	ICB12LN08NC
	PNP	NO	ICB12SF02PO	ICB12LF02PO	ICB12SN04PO	ICB12LN04PO	ICB12SF04PO	ICB12LF04PO	ICB12SN08PO	ICB12LN08PO
		NC	ICB12SF02PC	ICB12LF02PC	ICB12SN04PC	ICB12LN04PC	ICB12SF04PC	ICB12LF04PC	ICB12SN08PC	ICB12LN08PC
Plug	NPN	NO	ICB12SF02NOM1	ICB12LF02NOM1	ICB12SN04NOM1	ICB12LN04NOM1	ICB12SF04NOM1	ICB12LF04NOM1	ICB12SN08NOM1	ICB12LN08NOM1
		NC	ICB12SF02NCM1	ICB12LF02NCM1	ICB12SN04NCM1	ICB12LN04NCM1	ICB12SF04NCM1	ICB12LF04NCM1	ICB12SN08NCM1	ICB12LN08NCM1
	PNP	NO	ICB12SF02POM1	ICB12LF02POM1	ICB12SN04POM1	ICB12LN04POM1	ICB12SF04POM1	ICB12LF04POM1	ICB12SN08POM1	ICB12LN08POM1
		NC	ICB12SF02PCM1	ICB12LF02PCM1	ICB12SN04PCM1	ICB12LN04PCM1	ICB12SF04PCM1	ICB12LF04PCM1	ICB12SN08PCM1	ICB12LN08PCM1

The ICB18 family

Housing dimensions			M18 (3-wire DC)							
Material			Nickel-plated brass							
Rated operational voltage			10-36 VDC							
Switching frequency			≤ 1500 Hz							
Sensing range			Standard				Extended			
Rated operating distance			5 mm		8 mm		8 mm		14 mm	
Installation type			Flush		Non-flush		Flush		Non-flush	
Barrel			Short	Long	Short	Long	Short	Long	Short	Long
Cable	NPN	NO	ICB18SF05NO	ICB18LF05NO	ICB18SN08NO	ICB18LN08NO	ICB18SF08NO	ICB18LF08NO	ICB18SN14NO	ICB18LN14NO
		NC	ICB18SF05NC	ICB18LF05NC	ICB18SN08NC	ICB18LN08NC	ICB18SF08NC	ICB18LF08NC	ICB18SN14NC	ICB18LN14NC
	PNP	NO	ICB18SF05PO	ICB18LF05PO	ICB18SN08PO	ICB18LN08PO	ICB18SF08PO	ICB18LF08PO	ICB18SN14PO	ICB18LN14PO
		NC	ICB18SF05PC	ICB18LF05PC	ICB18SN08PC	ICB18LN08PC	ICB18SF08PC	ICB18LF08PC	ICB18SN14PC	ICB18LN14PC
Plug	NPN	NO	ICB18SF05NOM1	ICB18LF05NOM1	ICB18SN08NOM1	ICB18LN08NOM1	ICB18SF08NOM1	ICB18LF08NOM1	ICB18SN14NOM1	ICB18LN14NOM1
		NC	ICB18SF05NCM1	ICB18LF05NCM1	ICB18SN08NCM1	ICB18LN08NCM1	ICB18SF08NCM1	ICB18LF08NCM1	ICB18SN14NCM1	ICB18LN14NCM1
	PNP	NO	ICB18SF05POM1	ICB18LF05POM1	ICB18SN08POM1	ICB18LN08POM1	ICB18SF08POM1	ICB18LF08POM1	ICB18SN14POM1	ICB18LN14POM1
		NC	ICB18SF05PCM1	ICB18LF05PCM1	ICB18SN08PCM1	ICB18LN08PCM1	ICB18SF08PCM1	ICB18LF08PCM1	ICB18SN14PCM1	ICB18LN14PCM1

The ICB30 family

Housing dimensions			M30 (3-wire DC)							
Material			Nickel-plated brass							
Rated operational voltage			10-36 VDC							
Switching frequency			≤ 1000 Hz							
Sensing range			Standard				Extended			
Rated operating distance			10 mm		15 mm		15 mm		22 mm	
Installation type			Flush		Non-flush		Flush		Non-flush	
Barrel			Short	Long	Short	Long	Short	Long	Short	Long
Cable	NPN	NO	ICB30SF10NO	ICB30LF10NO	ICB30SN15NO	ICB30LN15NO	ICB30SF15NO	ICB30LF15NO	ICB30SN22NO	ICB30LN22NO
		NC	ICB30SF10NC	ICB30LF10NC	ICB30SN15NC	ICB30LN15NC	ICB30SF15NC	ICB30LF15NC	ICB30SN22NC	ICB30LN22NC
	PNP	NO	ICB30SF10PO	ICB30LF10PO	ICB30SN15PO	ICB30LN15PO	ICB30SF15PO	ICB30LF15PO	ICB30SN22PO	ICB30LN22PO
		NC	ICB30SF10PC	ICB30LF10PC	ICB30SN15PC	ICB30LN15PC	ICB30SF15PC	ICB30LF15PC	ICB30SN22PC	ICB30LN22PC
Plug	NPN	NO	ICB30SF10NOM1	ICB30LF10NOM1	ICB30SN15NOM1	ICB30LN15NOM1	ICB30SF15NOM1	ICB30LF15NOM1	ICB30SN22NOM1	ICB30LN22NOM1
		NC	ICB30SF10NCM1	ICB30LF10NCM1	ICB30SN15NCM1	ICB30LN15NCM1	ICB30SF15NCM1	ICB30LF15NCM1	ICB30SN22NCM1	ICB30LN22NCM1
	PNP	NO	ICB30SF10POM1	ICB30LF10POM1	ICB30SN15POM1	ICB30LN15POM1	ICB30SF15POM1	ICB30LF15POM1	ICB30SN22POM1	ICB30LN22POM1
		NC	ICB30SF10PCM1	ICB30LF10PCM1	ICB30SN15PCM1	ICB30LN15PCM1	ICB30SF15PCM1	ICB30LF15PCM1	ICB30SN22PCM1	ICB30LN22PCM1