






# Capacitive Sensors

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CD Reference Files:  
SensorCatalog\_2003.pdf



Housing Size		10,12 mm	18 mm	30, 34 mm	50 mm Flat	Accessories
Sensing Distance	Flush 	1...4 mm		1...10 mm		<b>Page # 3.11</b>
	Non-flush 	1...8 mm	1...10 mm 1...15 mm	2...20 mm 3...40 mm 5...30 mm	2...25 mm	
Housing Material		Stainless steel Nickel-plated brass PVC	PBT Teflon (PTFE)	PBT Teflon (PTFE)	POM	Protective switchwells are perfect for attaching capacitive sensors to containers for level detection.
Sensing Face Material		PVC Teflon (PTFE)	PBT Teflon (PTFE)	PBT Teflon (PTFE)	POM	
CD Reference Page:		Page #	Page #	Page #	Page #	
DC 3-Wire		3.4 – 3.5	3.5	3.6 – 3.7	3.7	
DC 3-Wire Analog				3.10		Sight glass bracket for mounting to tubing.
AC 2-Wire			3.8	3.9		
Connection Options		PUR or PVC Cable M12 DC Micro Connector	PVC Cable PTFE Jacketed Cable M12 DC Micro Connector 1/2" UNF Two-key AC Micro Connector	PUR or PVC Cable PTFE Jacketed Cable M12 DC Micro Connector 1/2" UNF Two-key AC Micro Connector	PUR Cable M8 DC Nano Connector	 Clamping cuff included with all 34 mm versions.

## New Teflon Housing 18 & 30 mm Capacitives

Balluff's NEW Teflon housing capacitive sensors are ideal for semiconductor and chemical processing applications. Teflon resists attack from aggressive solvents such as de-ionized water and concentrated sulfuric acid fumes.

