

3.1







Inductive Proximity Sensors

iProx Sensors

Note: Custom iProx models can also be ordered directly from the factory with pre-set ranges, outputs and connectors. Consult the Eaton Application Engineers at 1-800-426-9184 for more information.

3

Three-Wire Sensors

	Operating Voltage	Sensing Range	Shielding	Connection Type ¹	NO Output Catalog Number ²	NC Output Catalog Number ²
12 mm Diameter						
Standard Range 	6–48 Vdc	4 mm	Shielded	4-pin micro DC connector	E59-M12A105D01-D1 ⊕	E59-M12A105D01-D2 ⊕
				4-pin micro DC pigtail ³	E59-M12A105D01P-D1 ⊕	E59-M12A105D01P-D2 ⊕
				2-meter cable	E59-M12A105C02-D1	E59-M12A105C02-D2
Extended Range 		10 mm	Unshielded	4-pin micro DC connector	E59-M12C110D01-D1 ⊕	E59-M12C110D01-D2 ⊕
				4-pin micro DC pigtail ³	E59-M12C110D01P-D1 ⊕	E59-M12C110D01P-D2 ⊕
				2-meter cable	E59-M12C110C02-D1	E59-M12C110C02-D2
18 mm Diameter						
Standard Range 	6–48 Vdc	8 mm	Shielded	4-pin micro DC connector	E59-M18A108D01-D1 ⊕	E59-M18A108D01-D2 ⊕
				4-pin micro DC pigtail ³	E59-M18A108D01P-D1 ⊕	E59-M18A108D01P-D2 ⊕
				2-meter cable	E59-M18A108C02-D1	E59-M18A108C02-D2
Extended Range 		18 mm	Unshielded	4-pin micro DC connector	E59-M18C116D01-D1 ⊕	E59-M18C116D01-D2 ⊕
				4-pin micro DC pigtail ³	E59-M18C116D01P-D1 ⊕	E59-M18C116D01P-D2 ⊕
				2-meter cable	E59-M18C116C02-D1	E59-M18C116C02-D2
30 mm Diameter						
Standard Range 	6–48 Vdc	15 mm	Shielded	4-pin micro DC connector	E59-M30A115D01-D1 ⊕	E59-M30A115D01-D2 ⊕
				4-pin micro DC pigtail ³	E59-M30A115D01P-D1 ⊕	E59-M30A115D01P-D2 ⊕
				2-meter cable	E59-M30A115C02-D1	E59-M30A115C02-D2
Extended Range 		29 mm	Unshielded	4-pin micro DC connector	E59-M30C129D01-D1 ⊕	E59-M30C129D01-D2 ⊕
				4-pin micro DC pigtail ³	E59-M30C129D01P-D1 ⊕	E59-M30C129D01P-D2 ⊕
				2-meter cable	E59-M30C129C02-D1	E59-M30C129C02-D2

Notes

⊕ See listing of compatible connector cables on **Page V8-T3-14**.

¹ For sensors with custom cable lengths or PUR jackets, contact Application Engineering at 1-800-426-9184.

² Sensors are ordered with pre-set outputs from the factory, but can be later programmed either NO or NC using the ProxView software.

³ Standard pigtail cable length is 12 in.