

AutomationDirect And Eaton/Cutler-Hammer Enhanced 50 Series Cross Reference Guide



Sensor Models

AB model	Automation Direct Cross Reference	Notes	Optical mode	Cable/conn	Mating cordset (2m)	Mating cordset (5m)
42GRL-9000	1151E-6517	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Detector	Standard Thrubeam Source	6-foot cable	N/A	N/A
42GRL-9000	1151E-6513	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Detector	Standard Thrubeam Source	6-foot cable	N/A	N/A
42GRL-9000-QD	1151E-6547	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Detector	Standard Thrubeam Source	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRL-9002-QD	1151E-6507	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Detector	Standard Thrubeam Source	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRL-9002-QD	1151E-6504	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Detector	Standard Thrubeam Source	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRP-9000	1351E-6517	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	6-foot cable	N/A	N/A
42GRP-9000-QD	1351E-6547	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRP-9000-QD1	1351E-6507	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRP-9001	1351E-6514	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	6-foot cable	N/A	N/A
42GRP-9001-QD	1351E-6504	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRP-9002	1351E-6514	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	6-foot cable	N/A	N/A
42GRP-9002-QD	1351E-6504	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRP-9003	1351E-6513	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	6-foot cable	N/A	N/A
42GRP-9003-QD	1351E-6503	Alternate is a version with longer range (10 feet) than the A-B unit (5 feet)	Standard Diffuse Reflective	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRR-9000	1251E-6517	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Source	Standard Thrubeam Detector	6-foot cable	N/A	N/A
42GRR-9000-QD	1251E-6547	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Source	Standard Thrubeam Detector	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRR-9000-QD1	1251E-6507	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Source	Standard Thrubeam Detector	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRR-9001-QD	1251E-6504	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Source	Standard Thrubeam Detector	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRR-9002-QD	1251E-6504	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Source	Standard Thrubeam Detector	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRR-9003	1251E-6513	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Source	Standard Thrubeam Detector	6-foot cable	N/A	N/A
42GRR-9003-QD	1251E-6503	Alternate is a version with longer range (500 feet) than the A-B unit (200 feet). Use with the Enhanced 50 Source	Standard Thrubeam Detector	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRU-9000	1451E-6517	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	6-foot cable	N/A	N/A
42GRU-9000-QD	1451E-6547	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRU-9000-QD1	1451E-6507	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRU-9001	1451E-6514	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	6-foot cable	N/A	N/A
42GRU-9001-QD	1451E-6504	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRU-9002	1451E-6514	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	6-foot cable	N/A	N/A
42GRU-9002-QD	1451E-6504	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRU-9003	1451E-6513	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	6-foot cable	N/A	N/A
42GRU-9003-QD	1451E-6503	Alternate is a polarized version with a shorter range (16 feet vs. 30 feet for the A-B unit)	Nonpolarized Reflex	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRC-9200	1452E-6517	No differences	Clear Object Detector	4-pin Micro AC connector pigtail	N/A	N/A
42GRC-9200-QD	1452E-6547	No differences	Clear Object Detector	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRC-9200-QD1	1452E-6507	No differences	Clear Object Detector	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRC-9202-QD	1452E-6504	No differences	Clear Object Detector	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRC-9203	1452E-6513	No differences	Clear Object Detector	6-foot cable	N/A	N/A
42GRC-9203-QD	1452E-6503	No differences	Clear Object Detector	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRP-9040	1351E-6517	No differences	Long Range Diffuse Reflective	6-foot cable	N/A	N/A
42GRP-9040-QD	1351E-6547	No differences	Long Range Diffuse Reflective	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRP-9040-QD1	1351E-6507	No differences	Long Range Diffuse Reflective	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRP-9041	1351E-6514	No differences	Long Range Diffuse Reflective	6-foot cable	N/A	N/A
42GRP-9041-QD	1351E-6504	No differences	Long Range Diffuse Reflective	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRP-9042	1351E-6514	No differences	Long Range Diffuse Reflective	6-foot cable	N/A	N/A
42GRP-9042-QD	1351E-6504	No differences	Long Range Diffuse Reflective	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRP-9043	1351E-6513	No differences	Long Range Diffuse Reflective	6-foot cable	N/A	N/A
42GRP-9043-QD	1351E-6503	No differences	Long Range Diffuse Reflective	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRU-9200	1451E-6517	No differences	Polarized Reflex	6-foot cable	N/A	N/A
42GRU-9200-QD	1451E-6547	No differences	Polarized Reflex	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRU-9200-QD1	1451E-6507	No differences	Polarized Reflex	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRU-9201	1451E-6514	No differences	Polarized Reflex	6-foot cable	N/A	N/A
42GRU-9201-QD	1451E-6504	No differences	Polarized Reflex	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRU-9202	1451E-6514	No differences	Polarized Reflex	6-foot cable	N/A	N/A
42GRU-9202-QD	1451E-6504	No differences	Polarized Reflex	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRU-9203	1451E-6513	No differences	Polarized Reflex	6-foot cable	N/A	N/A
42GRU-9203-QD	1451E-6503	No differences	Polarized Reflex	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRL-9040	1151E-6517	No differences; Use with the Enhanced 50 Detector	Long Range Thrubeam Source	6-foot cable	N/A	N/A
42GRL-9040-QD	1151E-6513	No differences; Use with the Enhanced 50 Detector	Long Range Thrubeam Source	6-foot cable	N/A	N/A
42GRL-9040-QD	1151E-6547	No differences; Use with the Enhanced 50 Detector	Long Range Thrubeam Source	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRL-9042-QD	1151E-6507	No differences; Use with the Enhanced 50 Detector	Long Range Thrubeam Source	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRL-9042-QD	1151E-6504	No differences; Use with the Enhanced 50 Detector	Long Range Thrubeam Source	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRR-9000	1251E-6517	No differences; Use with the Enhanced 50 Source	Long Range Thrubeam Detector	6-foot cable	N/A	N/A
42GRR-9000-QD	1251E-6547	No differences; Use with the Enhanced 50 Source	Long Range Thrubeam Detector	4-pin Euro (Micro) DC connector	CSDS4A4CY2202	CSDS4A4CY2205
42GRR-9000-QD1	1251E-6507	No differences; Use with the Enhanced 50 Source	Long Range Thrubeam Detector	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605
42GRR-9001-QD	1251E-6504	No differences; Use with the Enhanced 50 Source	Long Range Thrubeam Detector	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRR-9002-QD	1251E-6504	No differences; Use with the Enhanced 50 Source	Long Range Thrubeam Detector	5-pin Mini connector	CSMS5A5CY1602	CSMS5A5CY1605
42GRR-9003	1251E-6513	No differences; Use with the Enhanced 50 Source	Long Range Thrubeam Detector	6-foot cable	N/A	N/A
42GRR-9003-QD	1251E-6503	No differences; Use with the Enhanced 50 Source	Long Range Thrubeam Detector	4-pin Mini connector	CSMS4A4CY1602	CSMS4A4CY1605

Accessories

AB model	Automation Direct Cross Reference	Notes	Description
60-2421	6150E-6501	No differences	Mounting Bracket, steel, right-angle, short
60-2439	6150E-6503	No differences	Mounting Bracket, plastic, right-angle, ball swivel
60-2513	6150E-6502	No differences	Mounting Bracket, steel, right-angle, tall

Connector Cables

AB model	Automation Direct Cross Reference	Notes	Description
889D-F4AC-2	CSDS4A4CY2202	No differences	Mating Cordset, Euro (Micro) DC 4-pin, 2-meter length
889D-F4AC-5	CSDS4A4CY2205	No differences	Mating Cordset, Euro (Micro) DC 4-pin, 5-meter length
889D-F4AE-2	CSDS4A4CY2202	Primary is different wire gauge (22 AWG) than the A-B unit (18AWG)	Mating Cordset, Euro (Micro) DC 4-pin, 2-meter length
889D-F4AE-5	CSDS4A4CY2205	Primary is different wire gauge (22 AWG) than the A-B unit (18AWG)	Mating Cordset, Euro (Micro) DC 4-pin, 5-meter length
889D-F4AEA-2	CSAS4F4CY2202	Primary is different wire gauge (22 AWG) than the A-B unit (18AWG)	Mating Cordset, Micro AC 4-pin, 2-meter length
889D-F4AEA-5	CSAS4F4CY2205	Primary is different wire gauge (22 AWG) than the A-B unit (18AWG)	Mating Cordset, Micro AC 4-pin, 5-meter length
889D-F4BC-2	CSDS4A4CY2202	Primary is yellow jacket color than the A-B black jacket color	Mating Cordset, Euro (Micro) DC 4-pin, 2-meter length
889D-F4BC-5	CSDS4A4CY2205	Primary is yellow jacket color than the A-B black jacket color	Mating Cordset, Euro (Micro) DC 4-pin, 5-meter length
889N-F4AF-20F	CSMS4A4CY1606	No differences	Mating Cordset, Mini 4-pin, 6-meter length
889N-F4AF-6F	CSMS4A4CY1602	No differences	Mating Cordset, Mini 4-pin, 2-meter length
889N-F5AF-20F	CSMS5A5CY1606	No differences	Mating Cordset, Mini 5-pin, 6-meter length
889N-F5AF-6F	CSMS5A5CY1602	No differences	Mating Cordset, Mini 5-pin, 2-meter length
n/a	CSAS4A4CY2202	No differences	Mating Cordset, Micro AC 5-pin, 2-meter length
n/a	CSAS5A5CY2205	No differences	Mating Cordset, Micro AC 5-pin, 5-meter length