

Proximity Sensor Cross-reference Table

Note: Some newer models are not listed in table; check our Web site for updated information.

AutomationDirect	Allen Bradley	Balluff	Baumer Electric	Cutler-Hammer	Efector
AE1-AN-1A	872C-D2NN8-E2	BES-516-343-E0-C-03 (SS)	IFRM 08N1504/L (SS)	E57EAL8T110SP (SS)	IEB3001ANOG
AE1-AN-1H	872C-D2NN8-D4	BES-516-343-S4-C (SS)	IFRM 08N1703/S14L (SS)	E57EAL8T110SD (SS)	IEB3001ANOG/US100DNS
AE1-AN-2A	872C-D3NN8-E2	BES-516-384-E0-C-03 (SS)	IFRM 08N1104/L (SS)	E57EAL8T110EP (SS)	NA
AE1-AN-2H	872C-D3NN8-D4	BES-516-384-S4-C (SS)	NA	E57EAL8T110ED (SS)	NA
AE1-AP-1A	872C-D2NP8-E2	BES-516-324-E0-C-03 (SS)	IFRM 08P1504/L (SS)	E57EAL8T111SP (SS)	IEB3001BPOG
AE1-AP-1H	872C-D2NP8-D4	BES-516-324-S4-C (SS)	IFRM 08P1703/S14L (SS)	E57EAL8T111SD (SS)	IEB3001BPOG/US100DPS
AE1-AP-2A	872C-D3NP8-E2	BES-516-383-E0-C-03 (SS)	IFRM 08P1104/L (SS)	E57EAL8T111EP (SS)	NA
AE1-AP-2H	872C-D3NP8-D4	BES-516-383-S4-C (SS)	NA	E57EAL8T111ED (SS)	NA
AM1-AN-1A	872C-DH3NN12-E2	BES-516-329-E4-Y-03	IFR 12.26.15/L	E57SAL12T110	IFA3002ANKG
AM1-AN-1H	872C-DH3NN12-D4	BES-516-329-E5-Y-S4	IFRM 12N1501/S14L	E57SAL12T110SD	IFK3002ANOG/US100DNS
AM1-AN-2A	872C-DH4NN12-E2	BES-516-357-E4-Y-03	IFR 12.26.11/L	E57SAL12T110E	IFA3004ANKG
AM1-AN-2H	872C-DH4NN12-D4	BES-516-357-E5-Y-S4	NA	E57SAL12T110ED	IFK3004ANOG/US100DNS
AM1-AN-3A	NA	BES-516-329-G-E4-Y-03	IFRM 12N1702/L	E57-12LE06-C	NA
AM1-AN-3H	NA	BES-516-329-G-E5-Y-S4	IFRM 12N1701/S14L	E57-12LE06-CD	NA
AM1-AN-4A	NA	NA	NA	E57-12LE10-C	NA
AM1-AN-4H	NA	NA	NA	E57-12LE10-CD	NA
AM1-AP-1A	872C-DH3NP12-E2	BES-516-325-E4-Y-03	IFR 12.26.35/L	E57SAL12T111	IFA3002BPKG
AM1-AP-1H	872C-DH3NP12-D4	BES-516-325-E5-Y-S4	IFRM 12P1501/S14L	E57SAL12T111SD	IFK3002BPOG/US100DPS
AM1-AP-2A	872C-DH4NP12-E2	BES-516-356-E4-Y-03	IFR 12.26.31/L	E57SAL12T111E	IFA3004BPKG
AM1-AP-2H	872C-DH4NP12-D4	BES-516-356-E5-Y-S4	NA	E57SAL12T111ED	IFK3004BPOG/US100DPS
AM1-AP-3A	871C-DE4NP12-E2	BES-516-325-G-E4-Y-03	IFRM 12P1702/L	E57-12LE06-B	NA
AM1-AP-3H	871C-DE4NP12-D4	BES-516-325-G-E5-Y-S4	IFRM 12P1701/S14L	E57-12LE06-BD	IFK3004BBPKG/US100DPS
AM1-AP-4A	NA	NA	NA	E57-12LE10-B	NA
AM1-AP-4H	NA	NA	IFRM 12P1301/S14L	E57-12LE10-BD	IFK3007BPKG/US100DPS
AM1-A0-1A	872C-D3NE12-A2	BES-516-542-B0-H-03	IFRM 12D1501/L	E57SAL12A2 (VDC)	IFB2002ARKG/UP
AM1-A0-2A	872C-D4NE12-A2	BES-516-544-B0-H-03	IFRM 12D1101/L	E57SAL12A2E (VDC)	IFB2004ARKG/UP
AM1-A0-1H	872C-D3NE12-D4	BES-516-542-S4-H (SS)	IFRM 12D1501/S14L	NA	IFB2002ARKG/UP/US100IRS
AM1-A0-2H	872C-D4NE12-D4	BES-516-544-S4-H (SS)	IFRM 12D1101/S14L	NA	IFB2002ARKG/UP/US100IRS
AK1-AN-1A	872C-DH5NN18-E2	BES-516-355-E4-Y-03	IFRM 18N1504/L	E57SAL18T110	IGA3005ANKG
AK1-AN-1H	872C-DH5NN18-D4	BES-516-355-S4-C	IFRM 18N1501/S14L	E57SAL18T110SD	IGB3005ANKG/US100DNS
AK1-AN-2A	872C-DH8NN18-E2	BES-516-361-E4-Y-03	IFRM 18N1104/L	E57SAL18T110E	IGA3008ANKG
AK1-AN-2H	872C-DH8NN18-D4	BES-516-361-S4-C	NA	E57SAL18T110ED	IGB3008ANKG/US100DNS
AK1-AN-3A	NA	BES-516-355-G-E4-Y-PU-3	NA	NO CROSS	NA
AK1-AN-3H	NA	NA	NA	NO CROSS	NA
AK1-AN-4A	NA	NA	NA	NO CROSS	NA
AK1-AN-4H	NA	NA	NA	NO CROSS	NA
AK1-AP-1A	872C-DH5NP18-E2	BES-516-326-E4-Y-03	IFRM 18P1504/L	E57SAL18T111	IGA3005BPKG
AK1-AP-1H	872C-DH5NP18-D4	BES-516-326-S4-C	IFRM 18P1501/S14L	E57SAL18T111SD	IGB3005BPKG/US100DPS
AK1-AP-2A	872C-DH8NP18-E2	BES-516-360-E4-Y-03	IFRM 18P1104/L	E57SAL18T111E	IGA3008BPKG
AK1-AP-2H	872C-DH8NP18-D4	BES-516-360-S4-C	NA	E57SAL18T111ED	IGB3008BPKG/US100DPS
AK1-AP-3A	871C-DE8NP18-E2	BES-516-326-G-E4-Y-03	NA	NO CROSS	NA
AK1-AP-3H	871C-DE8NP18-D4	BES-516-326-G-S4-L	NA	NO CROSS	IGK3008BBKG/US100DPS
AK1-AP-4A	NA	NA	IFRM 18P1301/L	NO CROSS	NA
AK1-AP-4H	NA	NA	IFRM 18P1301/S14L	NO CROSS	IGK3012BPKG/US100DPS
AK1-A0-1A	872C-D5NE18-A2	BES-516-538-B0-H-PU-3	IFRM 18D1501/L	E57SAL18A2 (VDC)	IGB2005ARKG/UP
AK1-A0-2A	872C-D8NE18-A2	BES-516-546-B0-H-3	IFRM 18D1101/L	E57SAL18A2E (VDC)	IGB2008ARKG/UP
AK1-A0-1H	872C-D5NE18-D4	BES-516-538-S4-H	IFRM 18D1501/S14L	NA	IGB2005ARKG/UP/US100IRS
AK1-A0-2H	872C-D8NE18-D4	BES-516-546-S4-H	IFRM 18D1101/S14L	NA	IGB2008ARKG/UP/US100IRS

Proximity Sensor Cross-reference Table

AutomationDirect	Allen Bradley	Balluff	Baumer Electric	Cutler-Hammer	Efactor
AT1-AN-1A	872C-DH10NN30-E2	BES-516-359-B0-C-03	IFRM 30N1601/L	E57SAL30T110	IIA3010ANKG
AT1-AN-1H	872C-DH10NN30-D4	NA	NA	E57SAL30T110SD	IIB3010ANKG/ US100DPS
AT1-AN-2A	872C-DH15NN30-E2	BES-516-363-B0-C-03	IFRM 30N1201/L	E57SAL30T110E	IIA3015ANKG
AT1-AN-2H	872C-DH15NN30-D4	NA	NA	E57SAL30T110ED	IIB3015ANKG/ US100DNS
AT1-AN-3A	NA	NA	NA	NO CROSS	NA
AT1-AN-3H	NA	NA	NA	NO CROSS	NA
AT1-AN-4A	NA	NA	NA	NO CROSS	NA
AT1-AN-4H	NA	NA	NA	NO CROSS	NA
AT1-AP-1A	872C-DH10NP30-E2	BES-516-327-B0-C-03	IFRM 30P1601/L	E57SAL30T111	IIA3010BPKG
AT1-AP-1H	872C-DH10NP30-D4	BES-515-327-S4-C	IFRM 30P1501/S14L	E57SAL30T111SD	IIB3010BPKG/ US100DPS
AT1-AP-2A	872C-DH15NP30-E2	BES-516-362-B0-C-03	IFRM 30P1201/L	E57SAL30T111E	IIA3015BPKG
AT1-AP-2H	872C-DH15NP30-D4	BES-515-362-S4-C	IFRM 30P1101/S14L	E57SAL30T111ED	IIB3015BPKG/ US100DPS
AT1-AP-3A	871C-DE15NP30-E2	NA	NA	NO CROSS	NA
AT1-AP-3H	871C-DE15NP30-D4	NA	NA	NO CROSS	IIK3015BBPKG/ US100DPS
AT1-AP-4A	NA	NA	NA	NO CROSS	NA
AT1-AP-4H	NA	NA	NA	NO CROSS	IIK3022BPKG/ US100DPS
AT1-A0-1A	872C-D10NE30-A2	BES-516-540-B0-H-3	IFRM 30D1601/L	E57SAL30A2 (VDC)	IIB2010ARKG/UP
AT1-A0-2A	872C-D15NE30-A2	BES-516-548-B0-H-3	NA	E57SAL30A2E (VDC)	IIB2015ARKG/UP
AT1-A0-1H	872C-D10NE30-D4	BES-516-540-S4-H	NA	NA	IIB2010ARKG/UP/ US100IRS
AT1-A0-2H	872C-D15NE30-D4	BES-516-548-S4-H	NA	NA	IIB2015ARKG/UP/ US100IRS
PMW-ON-1H	871T-R2A12 (pre-wired)	BES-516-118-S4-C	NA	E57L(A or B)L12T110SD	NA
PMW-OP-1H	871T-L2A12 (pre-wired)	BES-516-113-S4-C	IFRM 12P(1or3)570/S14L	E57L(A or B)L12T111SD	NA
PMW-ON-2H	871T-R4B12 (pre-wired)	BES-516-122-S4-C	NA	E57L(A or B)L12T110ED	NA
PMW-OP-2H	871T-L4B12 (pre-wired)	BES-516-131-S4-C	NA	E57L(A or B)L12T111ED	NA
PKW-ON-1H	871T-R5A18 (pre-wired)	NA	NA	E57L(A or B)L18T110SD	NA
PKW-OP-1H	871T-L5A18 (pre-wired)	BES-515-326-S4-C (NO)	IFRM 18P1790/S14L	E57L(A or B)L18T111SD	NA
PKW-ON-2H	871T-R8B18 (pre-wired)	NA	NA	E57L(A or B)L18T110ED	NA
PKW-OP-2H	871T-L8B18 (pre-wired)	BES-515-123-S4-C	NA	E57L(A or B)L18T111ED	NA
VM1-A0-1B	872C-A2N12-A2	NA	IFRM 12A1501/L	E57SAL12A2	IFA2002AB0W
VM1-A0-2B	872C-A4N12-A2	NA	IFRM 12A1101/L	E57SAL12A2E	IFA2004AB0W
VK1-A0-1B	872C-A5N18-A2	NA	IFRM 18A1501/L	E57SAL18A2	IGA2005AB0A (AC/DC)
VK1-A0-2B	872C-A10N18-A2	NA	IFRM 18A1101/L	E57SAL18A2E	IGA2008AB0A (AC/DC)
VT1-A0-1B	872C-A10N30-A2	NA	IFRM 30A1601/L	E57SAL30A2	IIA2010AB0A (AC/DC)
VT1-A0-2B	872C-A15N30-A2	NA	IFRM 30A1201/L	E57SAL30A2E	IIA2015AB0A (AC/DC)
CD12L-OB-020-A0	889D-F4AC-2	NA	ES 34AP2	E57KYED129-2	US/3-DC-P/ N-SOL-PVC-2M/W
CD12L-OB-020-C0	889D-R4AC-2	NA	ES 33AP2	E57KYED130-2	US/3-DC-P/ N-ROL-PVC-2M/W
CD12M-OB-070-A1	889D-F4AC-5	BKS-S19-3-5	ES 34AP5	E57KYED129-5	US/3-DC-P/ N-SOL-PVC-5M/W
CD12M-OB-070-C1	889D-R4AC-5	BKS-S20-3-3	ES 33AP5	E57KYED130-5	US/3-DC-P/ N-ROL-PVC-5M/W
Notes: AutomationDirect DC sensors operate on 10-30 VDC. If you are using a higher DC voltage with a competitor's sensor, do not cross to AutomationDirect. Comparable sensor overall lengths and thread lengths may vary slightly. AutomationDirect AC sensors are VAC only. Some competitors' sensors are AC/DC. Significant sensing distance (SD) differences are noted. Others may vary slightly. SS after the part number denotes the sensor is Stainless Steel. NPB after the part number denotes the sensor is Nickel Plated Brass. N.O. after the part number denotes the sensor operates normally open only. VDC after part number means to cross to AutomationDirect only if competitor's sensor is used in VDC application.					

Proximity Sensor Cross-Reference Table

AutomationDirect	Omron	Pepperl & Fuchs	Sick Optic	Siemens	Turck
AE1-AN-1A	E2E-X1R5E1-N (SS)	NBB1.5-8GM50-E0	IM08-01B5NS-ZW1	3RG40 11-0GB05 (SS)	Bi 1.5-EG08-AN6X (SS)
AE1-AN-1H	E2E-X1R5E1-M1-N (SS)	NBB1.5-8GM40-E0-V1	IM08-01B5NS-ZC1	3RG40 11-3GB05 (SS)	Bi 1.5-EG08-AN6X-H1341 (SS)
AE1-AN-2A	E2E-X2ME1-N (SS)	NBN2-8GM50-E0	IM08-02N5NS-ZW1	3RG40 21-0GB33 (SS)	Ni 3 -EG08-AN6X (SS)
AE1-AN-2H	E2E-X2ME1-M1-N (SS)	NBN2-8GM40-E0-V1	IM08-02N5NS-ZC1	NA	Ni 3-EG08-AN6X-H1341 (SS)
AE1-AP-1A	E2E-X1R5F1-N (SS)	NBB1.5-8GM50-E2	IM08-01B5PS-ZW1	3RG40 11-0AG05 (SS)	Bi 1.5-EG08-AP6X (SS)
AE1-AP-1H	E2E-X1R5F1-M1-N (SS)	NBB1.5-8GM40-E2-V1	IM08-01B5PS-ZC1	3RG40 11-3AG05 (SS)	Bi 1.5-EG08-AP6X-H1341 (SS)
AE1-AP-2A	E2E-X2MF1-N (SS)	NBN2-8GM50-E2	IM08-02N5PS-ZW1	3RG40 21-0AG33 (SS)	Ni 3-EG08-AP6X (SS)
AE1-AP-2H	E2E-X2MF1-M1-N (SS)	NBN2-8GM40-E2-V1	IM08-02N5PS-ZC1	NA	Ni 3-EG08-AP6X-H1341 (SS)
AM1-AN-1A	E2E-X2E1-N	NBB2-12GM50-E0	IM12-02BNS-ZW1	3RG40 12-0GB00	Bi 2-G12(K)-AN6X
AM1-AN-1H	E2E-X2E1-M1-N	NBB2-12GM50-E0-V1	IM12-02BNS-ZC1	3RG40 12-3GB00	Bi 2-M12-AN6X-H1141
AM1-AN-2A	E2E-X5ME1-N	NBN4-12GM50-E0	IM12-04NNS-ZW1	3RG40 22-0GB00	Ni 5-G12(K)-AN6X
AM1-AN-2H	E2E-X5ME1-M1-N	NBN4-12GM50-E0-V1	IM12-04NNS-ZC1	3RG40 22-3GB00	Ni 4-M12-AN6X-H1141
AM1-AN-3A	NA	NA	IM12-04BNS-ZU0	NA	NA
AM1-AN-3H	NA	NA	IM12-04BNS-ZC0	NA	Bi 4-M12-AN6X-H1141
AM1-AN-4A	NA	NA	IM12-08NNS-ZU0	3RG46 12-0GB01	NA
AM1-AN-4H	NA	NA	IM12-08NNS-ZC0	3RG46 12-3GB01	NA
AM1-AP-1A	E2E-X2F1-N	NBB2-12GM50-E2	IM12-02BPS-ZW1	3RG40 12-0AG01	Bi 2-G12(K)-AP6X
AM1-AP-1H	E2E-X2F1-M1-N	NBB2-12GM50-E2-V1	IM12-02BPS-ZC1	3RG40 12-3AG01	Bi 2-M12-AP6X-H1141
AM1-AP-2A	E2E-X5MF1-N	NBN4-12GM50-E2	IM12-04NPS-ZW1	3RG40 22-0AG01	Ni 5-G12(K)-AP6X
AM1-AP-2H	E2E-X5MF1-M1-N	NBN4-12GM50-E2-V1	IM12-04NPS-ZC1	3RG40 22-3AG01	Ni 4-M12-AP6X-H1141
AM1-AP-3A	NA	NBB4-12GM50-E2	IM12-04BPS-ZU0	3RG41 12-0AG01	NA
AM1-AP-3H	NA	NBB4-12GM50-E2-V1	IM12-04BPS-ZC0	3RG41 12-3AG01	Bi 4-M12-AP6X-H1141
AM1-AP-4A	NA	NA	IM12-08NPS-ZU0	3RG46 12-0AG01	NA
AM1-AP-4H	NA	NA	IM12-08NPS-ZC0	3RG46 12-3AB01	NA
AM1-A0-1A	E2E-X3D1-N-N	NCB2-12GM40-Z0	NA	3RG40 12-0JB00	Bi 2-M12-AD4X (65VDC)
AM1-A0-2A	E2E-X8MD1-N (8mm SD)	NBN4-12GM40-Z0	NA	3RG40 22-0JB00	Ni 4-M12-AD4X (65VDC)
AM1-A0-1H	E2E-X3D1-M1G-N	NCB2-12GM40-Z0-V1	NA	3RG40 12-3JB00	Bi 2-M12-AD4X-H1141 (65VDC)
AM1-A0-2H	E2E-X8MD1-M1G-N (8mm SD)	NBN4-12GM40-Z0-V1	NA	3RG40 22-3JB00	Ni 4-M12-AD4X-H1141 (65VDC)
AK1-AN-1A	E2E-X5E1-N	NBB5-18GM50-E0	IM18-05BNS-ZW1	3RG40 13-0GB00	Bi 5-G18(K)-AN6X
AK1-AN-1H	E2E-X5E1-M1-N	NBB5-18GM50-E0-V1	IM18-05BNS-ZC1	3RG40 13-3GB00	Bi 5-M18-AN6X-H1141
AK1-AN-2A	E2E-X10ME1-N	NBN8-18GM50-E0	IM18-08NNS-ZW1	3RG40 23-0GB00	Ni10-G18(K)-AN6X
AK1-AN-2H	E2E-X10ME1-M1-N	NBN8-18GM50-E0-V1	IM18-08NNS-ZC1	3RG40 23-3GB00	Ni 8-M18-AN6X-H1141
AK1-AN-3A	NA	NA	IM18-07BNS-ZU0	NA	NA
AK1-AN-3H	NA	NA	IM18-07BNS-ZC0	NA	Bi 8-M18-AN6X-H1141
AK1-AN-4A	NA	NA	IM18-12NNS-ZU0	3RG46 13-0GB00	NA
AK1-AN-4H	NA	NA	IM18-12NNS-ZC0	3RG46 13-3GB01	NA
AK1-AP-1A	E2E-X5F1-N	NBB5-18GM50-E2	IM18-05BPS-ZW1	3GR40 13-0AG01	Bi 5-G18(K)-AP6X
AK1-AP-1H	E2E-X5F1-M1-N	NBB5-18GM50-E2-V1	IM18-05BPS-ZC1	3RG40 13-3AG01	Bi 5-M18-AP6X-H1141
AK1-AP-2A	E2E-X10MF1-N	NBN8-18GM50-E2	IM18-08NPS-ZW1	3RG40 23-0AG01	Ni10-G18(K)-AP6X
AK1-AP-2H	E2E-X10MF1-M1-N	NBN8-18GM50-E2-V1	IM18-08NPS-ZC1	3RG40 23-3AG01	Ni 8-M18-AP6X-H1141
AK1-AP-3A	NA	NA	IM18-07BPS-ZU0	NA	NA
AK1-AP-3H	NA	NA	IM18-07BPS-ZC0	NA	Bi 8-M18-AP6X-H1141
AK1-AP-4A	NA	NEB12-18GM50-E2	IM18-12NPS-ZU0	3RG46 13-1AB01	NA
AK1-AP-4H	NA	NEB12-18GM50-E2-V1	IM18-12NPS-ZC0	3RG46 13-3AB01	NA
AK1-A0-1A	E2E-X7D1-N-N	NBB5-18GM50-Z0	IM18-05BUS-ZU0 (AC/DC)	3RG40 13-0JB00	Bi 5-M18-AD4X (65VDC)
AK1-A0-2A	E2E-X14MD1-N (14mm SD)	NBN8-18GM50-Z0	IM18-08NUS-ZU0 (AC/DC)	3RG40 23-0JB00	Ni 8-M18-AD4X (65VDC)
AK1-A0-1H	E2E-X7D1-M1G-N	NBB5-18GM50-Z0-V1	NA	3RG40 13-3JB00	Bi 5-M18-AD4X-H1141 (65VDC)
AK1-A0-2H	E2E-X14MD1-M1G-N (14mm SD)	NBN8-18GM50-Z0-V1	NA	3RG40 23-3JB00	Ni 8-M18-AD4X-H1141 (65VDC)

Proximity Sensor Cross-reference Table

AutomationDirect	Omron	Pepperl & Fuchs	Sick Optic	Siemens	Turck
AT1-AN-1A	E2E-X10E1-N	NBB10-30GM50-E0	IM30-10BNS-ZW1	3RG40 14-0GB00	Bi10-G30(K)-AN6X
AT1-AN-1H	E2E-X10E1-M1-N	NBB10-30GM50-E0-V1	IM30-10BNS-ZC1	3RG40 14-3GB00	Bi10-M30-AN6X-H1141
AT1-AN-2A	E2E-X18ME1-N	NBN15-30GM50-E0	IM30-15NNS-ZW1	3RG40 24-0GB00	Ni15-G30(K)-AN6X
AT1-AN-2H	E2E-X18ME1-M1-N	NBN15-30GM50-E0-V1	IM30-15NNS-ZC1	3RG40 24-3GB00	Ni15-M30-AN6X-H1141
AT1-AN-3A	NA	NA	IM30-15BNS-ZU0	NA	NA
AT1-AN-3H	NA	NA	IM30-15BNS-ZC0	NA	Bi15-M30-AN6X-H1141
AT1-AN-4A	NA	NA	IM30-20NNS-ZU0	NA	NA
AT1-AN-4H	NA	NA	IM30-20NNS-ZC0	NA	NA
AT1-AP-1A	E2E-X10F1-N	NBB10-30GM50-E2	IM30-10BPS-ZW1	3RG40 14-0AG01	Bi10-G30(K)-AP6X
AT1-AP-1H	E2E-X10F1-M1-N	NBB10-30GM50-E2-V1	IM30-10BPS-ZC1	3RG40 14-3AG01	Bi10-M30-AP6X-H1141
AT1-AP-2A	E2E-X18MF1-N	NBN15-30GM50-E2	IM30-15NPS-ZW1	3RG40 24-0AG01	Ni15-G30(K)-AP6X
AT1-AP-2H	E2E-X18MF1-M1-N	NBN15-30GM50-E2-V1	IM30-15NPS-ZC1	3RG40 24-3AG01	Ni15-M30-AP6X-H1141
AT1-AP-3A	NA	NA	IM30-15BPS-ZU0	3RG41 14-0AG01	NA
AT1-AP-3H	NA	NA	IM30-15BPS-ZC0	3RG41 14-3AG01	Bi15-M30-AP6X-H1141
AT1-AP-4A	NA	NA	IM30-20NPS-ZU0	NA	NA
AT1-AP-4H	NA	NA	IM30-20NPS-ZC0	NA	NA
AT1-A0-1A	E2E-X10D1-N-N	NBB10-30GM50-Z0	IM30-10BUS-ZU0 (AC/DC)	3RG40 14-0JB00	Bi 10-M30-AD4X (65VDC)
AT1-A0-2A	E2E-X20MD1-N (20mm SD)	NBN15-30GM50-Z0	IM30-15NUS-ZU0 (AC/DC)	3RG40 24-0JB00	Ni 15-M30-AD4X (65VDC)
AT1-A0-1H	E2E-X10D1-M1G-N	NBB10-30GM50-Z0-V1	NA	3RG40 14-3JB00	Bi 10-M30-AD4X-H1141 (65VDC)
AT1-A0-2H	E2E-X20MD1-M1G-N (20mm SD)	NBN15-30GM50-Z0-V1	NA	3RG40 24-3JB00	Ni 15-M30-AD4X-H1141 (65VDC)
PMW-0N-1H	NA	NJ2-12GM40-E0-V1 (NO)	NA	NA	Bi 2-EM12-AN6X-H1141
PMW-0P-1H	NA	NJ2-12GM40-E2-V1 (NO)	NA	3RG40 12-3CD00 (NPB)	NA
PMW-0N-2H	NA	NJ4-12GM40-E0-V1 (NO)	NA	NA	NA
PMW-0P-2H	NA	NJ4-12GM40-E2-V1 (NO)	NA	3RG40 22-3CD00 (NPB)	Bi 2-EM12-AP6X-H1141
PKW-0N-1H	NA	NJ5-18GM50-E0-V1 (NO)	NA	NA	Bi 5-EM18-AN6X-H1141
PKW-0P-1H	NA	NJ5-18GM50-E2-V1 (NO)	NA	3RG40 13-3CD00 (NPB)	NA
PKW-0N-2H	NA	NA	NA	NA	NA
PKW-0P-2H	NA	NJ8-18GM50-E2-V1	NA	3RG40 23-3CD00 (NPB)	Bi 5-EM18-AP6X-H1141
VM1-A0-1B	E2E-X2Y1-US-N	NJ2-12GM50-WS (SS)	IM12-02BAS-ZU0	3RG40 12-0KB00 (AC/DC)	Bi 2-G12-AZ33X
VM1-A0-2B	E2E-X5MY1-US-N	NJ4-12GM50-WS (SS)	IM12-04NAS-ZU0	3RG40 22-0KB00 (AC/DC)	Ni 4-G12-AZ33X
VK1-A0-1B	E2E-X5Y1-US-N	NBB5-18GM60-WS	IM18-05BUS-ZU0 (AC/DC)	3RG40 13-0KB00 (AC/DC)	Bi 5-M18T-AZ3X
VK1-A0-2B	E2E-X10MY1-US-N	NBN8-18GM60-WS	IM18-08NUS-ZU0 (AC/DC)	3RG40 23-0KB00 (AC/DC)	Ni 8-M18T-AZ3X
VT1-A0-1B	E2E-X10Y1-US-N	NBB10-30GM60-WS	IM30-10BUS-ZU0 (AC/DC)	3RG40 14-0KB00 (AC/DC)	Bi 10-M30T-AZ3X
VT1-A0-2B	E2E-X18MY1-US-N	NBN15-30GM60-WS	IM30-15NUS-ZU0 (AC/DC)	3RG40 24-0KB00 (AC/DC)	Ni 15-M30T-AZ3X
CD12L-0B-020-A0	Y96E-44SD2	V1-G-2M-PVC	KD4-SIM122	NA	RK 4T-2
CD12L-0B-020-C0	Y96E-44RD2	V1-W-2M-PVC	KD4-RIM122	NA	WK 4T-2
CD12M-0B-070-A1	Y96E-44SD5	V1-G-5M-PVC	KD4-SIM125	3RX1 513	RK 4T-6
CD12M-0B-070-C1	Y96E-44RD5	V1-W-5M-PVC	KD4-RIM125	3RX1 512	WK 4T-6

Notes:

AutomationDirect DC sensors operate on 10-30 VDC. If you are using a higher DC voltage with a competitor's sensor, do not cross to AutomationDirect.

Comparable sensor overall lengths and thread lengths may vary slightly.

AutomationDirect AC sensors are VAC only. Some competitors sensors are AC/DC.

Significant sensing distance (SD) differences are noted. Others may vary slightly.

SS after the part number denotes the sensor is Stainless Steel.

NPB after the part number denotes the sensor is Nickel Plated Brass.

N.O. after the part number denotes the sensor operates normally open only.

VDC after part number means to cross to AutomationDirect only if competitors sensor is used in VDC application