



# NRKH.E210608 - Proximity Switches

\*\*HISTORICAL\*\*

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## Proximity Switches

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### **TURCK INC.**

E210608

3000 Campus Drive  
Minneapolis, MN 55441-2619 USA

Trademark and/or Tradename: "Turck"

**Proximity switches** Model(s) Bi10-EG18F-AN6X / 4614723, Bi10-EG18F-AN6X-H1141 / 4614716, Bi10-EG18F-AP6X / 4614722, Bi10-EG18F-AP6X-H1141 / 4614708, Bi10-EG18FM-AP6X-H1141 / 4614725, Bi20-EG30F-AN6X-H1141 / 4614718, Bi20-EG30F-AP6X / 4614724, Bi20-EG30F-AP6X-H1141 / 4614710, Bi3-EG08FE-AN6X / 4614712, Bi3-EG08FE-AN6X-H1341 / 4614711, Bi3-EG08FE-AP6X / 4614704, Bi3-EG08FE-AP6X-H1341 / 4614703, Bi6-EG12FE-AN6X / 4614721, Bi6-EG12FE-AN6X-H1141 / 4614714, Bi6-EG12FE-AP6X / 4614720, Bi6-EG12FE-AP6X-H1141 / 4614706, Ni10-EG12FE-AN6X-H1141 / 4614715, Ni10-EG12FE-AP6X-H1141 / 4614707, Ni20-EG18FM-AN6X-H1141 / 4614717, Ni20-EG18FM-AP6X-H1141 / 4614709, Ni6-EG08FE-AN6X / 4614728, Ni6-EG08FE-AN6X-H1341 / 4614713, Ni6-EG08FE-AP6X / 4614719, Ni6-EG08FE-AP6X-H1341 / 4614705

**Switching Mode Power Supply** Model(s) L55E7\_RSM

## Investigated to ANSI/UL 60947-5-2

**Proximity switches** Model(s) BI1-EG05-AN6X, BI1-EG05-AN6X-V1331, BI1-EG05-AP6X, BI1-EG05-AP6X 7M, BI1-EG05-AP6X-V1331, BI1-EG05-AP6X/S1188, BI1-EG05-RN6X, BI1-EG05-RN6X-V1331, BI1-EG05-RP6X, BI1-EG05-RP6X-V1331, BI1-EG05K-AN6X, BI1-EG05K-AN6X-V1331, BI1-EG05K-AP6X, BI1-EG05K-AP6X-V1331, BI1-EG08K-RP6X-H1341, BI1-EH04-AN6X, BI1-EH04-AN6X 7M, BI1-EH04-AN6X-V1331, BI1-EH04-AP6X, BI1-EH04-AP6X 7M, BI1-EH04-AP6X-V1331, BI1-EH04-RN6X 7M, BI1-EH04-RP6X, BI1-EH04-RP6X-V1331, BI1-EH04K-AN6X, BI1-EH04K-AP6X, BI1.5-EG08-AN6X, BI1.5-EG08-AN6X 7M, BI1.5-EG08-AN6X-H1341, BI1.5-EG08-AN6X-V1131, BI1.5-EG08-AP6-H1341, BI1.5-EG08-AP6X, BI1.5-EG08-AP6X 7M, BI1.5-EG08-AP6X-H1341, BI1.5-EG08-AP6X-V1131, BI1.5-EG08-AP6X-V1131/S100, BI1.5-EG08-RN6X, BI1.5-EG08-RN6X-H1341, BI1.5-EG08-RN6X-V1131, BI1.5-EG08-RP6X-H1341, BI1.5-EG08-RP6X-V1131, BI1.5-EG08K-AN6X, BI1.5-EG08K-AN6X 4M, BI1.5-EG08K-AN6X 7M, BI1.5-EG08K-AN6X-H1341, BI1.5-EG08K-AN6X-V1131, BI1.5-EG08K-AP6/S100, BI1.5-EG08K-AP6X, BI1.5-EG08K-AP6X 7M, BI1.5-EG08K-AP6X-H1341, BI1.5-EG08K-AP6X-V1131, BI1.5-EG08K-RN6X, BI1.5-EG08K-RN6X-H1343, BI1.5-EG08K-RN6X-V1131, BI1.5-EG08K-RP6X, BI1.5-EG08K-RP6X-H1341, BI1.5-EG08K-RP6X-V1131, BI1.5-EH6.5-AN6X, BI1.5-EH6.5-AN6X-V1131, BI1.5-EH6.5-AP6X, BI1.5-EH6.5-AP6X 7M, BI1.5-EH6.5-AP6X-V1131, BI1.5-EH6.5-AP6X/S100, BI1.5-EH6.5K-AN6X, BI1.5-EH6.5K-AN6X-V1131, BI1.5-EH6.5K-AP6X, BI1.5-EH6.5K-AP6X-V1131, BI1.5-EH6.5K-RP6X-V1131, BI2-EG08-AN6X, BI2-EG08-AN6X-H1341, BI2-EG08-AN6X-V1131, BI2-EG08-AN6X/S100, BI2-EG08-AP6X, BI2-EG08-AP6X 3M, BI2-EG08-AP6X 7M, BI2-EG08-AP6X-H1341, BI2-EG08-AP6X-V1131, BI2-EG08-AP6X/S100, BI2-EG08-AP6X/S957, BI2-EG08-RN6X, BI2-EG08-RN6X-H1341, BI2-EG08-RN6X-V1131, BI2-EG08-RP6X, BI2-EG08-RP6X-H1341, BI2-EG08-RP6X-H1343, BI2-EG08-RP6X-V1131, BI2-EG08-VN6X-H1341, BI2-EG08-VP6X, BI2-EG08-VP6X-H1341, BI2-EG08K-AN6X, BI2-EG08K-AN6X 7M, BI2-EG08K-AN6X-H1341, BI2-EG08K-AN6X-V1131, BI2-EG08K-AN6X-V1131/S957, BI2-EG08K-AN6X/S97, BI2-EG08K-AP6X, BI2-EG08K-AP6X 7M, BI2-EG08K-AP6X-H1341, BI2-EG08K-AP6X-V1131, BI2-EG08K-AP6X-V1131/S957, BI2-EG08K-AP6X/S957, BI2-EG08K-AP6X/S97, BI2-EG08K-RN6X, BI2-EG08K-RN6X-H1341, BI2-EG08K-RP6X, BI2-EG08K-RP6X-V1131, BI2-EG08K-VP6X-H1341, BI2-EH6.5-AN6X, BI2-EH6.5-AN6X-V1131, BI2-EH6.5-AP6X, BI2-EH6.5-AP6X-V1131, BI2-EH6.5K-AN6X, BI2-EH6.5K-AN6X-V1131, BI2-EH6.5K-AP6X,

BI2-EH6.5K-AP6X 5M, BI2-EH6.5K-AP6X-V1131, BI2-EH6.5K-RP6X, Bi7-Q08F-AN6X / 1608914, Bi7-Q08F-AP6X / 1608916, BI7-Q08F-RN6X / 1608915, NI3-EG08-AP6X, NI3-EG08-AP6X-H1341, NI3-EG08-AP6X-V1131, NI3-EG08-RP6X, NI3-EG08-RP6X-V1131, NI3-EG08K-AN6X, NI3-EG08K-AN6X-H1341, NI3-EG08K-AN6X-V1131, NI3-EG08K-AP6X, NI3-EG08K-AP6X-H1341, NI3-EG08K-AP6X-V1131, NI3-EG08K-RP6X-V1131, NI3-EH6.5-AN6X, NI3-EH6.5-AN6X-V1131, NI3-EH6.5-AP6X, NI3-EH6.5-AP6X-V1131, NI3-EH6.5K-AN6X, NI3-EH6.5K-AN6X-V1131, NI3-EH6.5K-AP6X, NI3-EH6.5K-AP6X-V1131

Model(s) RU10L-M08-UN8X-V1141, RU10L-M08-UP8X-V1141, RU10U-M08-UN8X-V1141, RU10U-M08-UP8X-V1141, RU20L-Q12S-UN8X-V1141, RU20L-Q12S-UP8X-V1141, RU20U-Q12S-UN8X-V1141, RU20U-Q12S-UP8X-V1141, RU40L-Q12S-UN8X-V1141, RU40L-Q12S-UP8X-V1141, RU40U-Q12S-UN8X-V1141, RU40U-Q12S-UP8X-V1141

## Investigated to ANSI/UL 60947-1, ANSI/UL 60947-5-2

**Enclosed Proximity Switches, Class 2** Model(s) Bi12-M30-2APS8X2-H1141, BI4-M12-2APS8X2, Bi4-M12-2APS8X2-H1141, Bi8-M18-2APS8X2-H1141, NI15-M30-2APS8X2-H1141

## Investigated to ANSI/UL 508

**Flow sensors** Model(s) FCI\*, FCS\*, FTCl\*, FTCS\*, TC01\*

**Inductive angular position sensors/switches** Model(s) RIXXPX(b)

RIXXPX-DSU35, where X is a numerical character, may be followed by multiple alpha-numeric characters, may be followed by /S or /CS and a 2 to 5 digit number, may be followed by / followed by 3, followed by G or D or GD.

**Inductive linear position sensors/switches** Model(s) LIXXPX-QXXLMX, where X is a numerical character, may be followed by E, followed by multiple alpha-numeric characters, may be followed by /S or /CS and a 2 to 5 digit number, may be followed by / followed by 3, followed by G or D or GD.

**Proximity sensors** Model(s) B or N, followed by l or i, followed by a space or dash, followed by up to 3 numbers, may be followed by U, followed by a space or dash, followed by EG, EM, G, M, S, GT, or Q, followed by 12, 18, 30 or Q08, may be followed by E, K, M, SK, or SR, followed by -A, -R, or -V, followed by N or P, followed by 6 or 7, may be followed by X or X2, may be followed by -H1, B1, B2, B3, V1, followed by 1, 3 or 4, followed by 3, 4 or 5, may be followed by a two digit number.

B or N, followed by l or i, followed by a space or dash, followed by up to 3 numbers, may be followed by U, followed by a space or dash, followed by EG, EM, G, M, S, GT, or Q, followed by 12, 18, 30 or Q08, may be followed by E, K, M, SK, or SR, followed by -A, -R, or -V, followed by N or P, followed by 6 or 7, may be followed by X or X2, may be followed by -Xm where X = number representing cable length in meters, may be followed by /S or /CS followed by 2 to 5 digits.

KM51105595V000, KM51105595V001, KM51133172V000, KM51133172V001

**Proximity switches** Model(s) 025165, 726744

B or N, followed by C or CF, followed by a 1 or 2 digit number, followed by M, K, KT, P, PT, S, S185, Q or CP, followed by a 1 or 2 digit number, may be followed by SR, followed by A, R or V, followed by N or P, followed by 4, may be followed by X, may be followed by 2, may be followed by -H1, B1, B2, B3, V1, followed by 1, 3 or 4, followed by 3, 4 or 5, may be followed by a two digit number. May be followed by /S or /CS followed by 2 to 5 digits.

B or N, followed by C or CF, followed by a 1 or 2 digit number, followed by M, K, KT, P, PT, S, S185, Q or CP, followed by a 1 or 2 digit number, may be followed by SR, followed by A, R or V, followed by N or P, followed by 4, may be followed by X, may be followed by 2, may be followed by -Xm where X = number representing cable length in meters, may be followed by /S or /CS followed by 2 to 5 digits.

B or N, followed by C, followed by a 1 or 2 digit number, followed by M or S or K or Q, followed by 18, 20, 30 or 34, may be followed by K, followed by A, R, or V, followed by Z, followed by 3, may be followed by X or X2, may be followed by #m or -#m, where # is any 1 or 2 digit number, may be followed by any alphanumeric code, may be followed by /S or /CS and a 2 to 5 digit number.

B or N, followed by C, followed by a 1 or 2 digit number, followed by M or S or K or Q, followed by 18, 20, 30 or 34, may be followed by K, followed by A, R, or V, followed by Z, followed by 3, may be followed by X or X2, may be followed by Blank, H1, B1, B2 or B3, followed by 1, 3 or 4, followed by a single number, followed by 3, 4 or 5, may be followed by additional 2 digit number, may be followed by /S or /CS and a 2 to 5 digit number

B or N, followed by l or i followed by a blank, followed by a 1 or 2 digit number, followed by EG, EM, G, H, K, P, M, S or GT, followed by 12, 18 or 30, may be followed by E, H, K, M, T, SK or SR, followed by A, R, or V, followed by D, N, P, Z or DZ, followed by 3, 4, 30, 31, 32, or 33, may be followed by X or X2, may be followed by #m or -#m, where # is any 1 or 2 digit number, may be followed by any alphanumeric code, may be followed by /S or /CS and a 2 to 5 digit number.

B or N, followed by l or i, followed by a blank, followed by a 1 or 2 digit number, followed by EG, EM, G, H, K, P, M, S or GT, followed by 12, 18 or 30, may be followed by E, H, K, M, T, SK or SR, followed by A, R, or V, followed by D, N, P, Z or DZ, followed by 3, 4, 30, 31, 32, or 33, may be followed by X or X2, may be followed by Blank, H1, B1, B2 or B3, followed by 1, 3 or 4, followed by a single number, followed by 3, 4 or 5, may be followed by additional 2 digit number, may be followed by /S or /CS and a 2 to 5 digit number.

BI 4-G12-AP4X/S723/CS10943, NI 8-G12-AP4X/CS10173, NI 8-G12-AP4X/S1608, NI 8-G12-AP4X/S723/CS10173, NI 8-G12-AP4X/S723/S1608, NI14-G18-AP4X/CS10146, NI14-G18-AP4X/CS10187, NI14-G18-AP4X/S1706, NI14-G18-AP4X/S1707

**Proximity switches, accessories** Model(s) Female cable assemblies

**Proximity switches, transceivers** Model(s) TB or TN, followed by 21 characters maximum.

**Turck linear position sensors** Model(s) KM51105595V001, KM51133172V000, KM51133172V000/A, KM51133172V001, KM51133172V001/A

Li, followed by a number 100 to 4000, followed by P0, P1, P2 or P3, followed by Q25L, followed by M0, M1, M2 or M4, followed by E, followed by LiUPN8, followed by X3, followed by H1, followed by 1, followed by 5, followed by 1.

Li, followed by a number 100 to 4000, followed by P0, P1, P2 or P3, followed by Q25L, followed by M0, M1, M2 or M4, followed by LiU5, followed by X3, followed by H1, followed by 1, followed by 5, followed by 1.

Li, followed by a number 100, 200, 300, 400, 500, 600, 700, 800, 900 or 1 to 4000, followed by P0, P1, P2 or P3, followed by Q25L, followed by M0, M1, M2 or M4, followed by E, followed by S, followed by G or B, followed by 24, 25, or 26, followed by X3, followed by H1, followed by 1, followed by 8, followed by 1.

**Turck magnetic field sensors** Model(s) WIM40-Q20L60-LIU5-H1141, WIM40-Q20L60-LIU5-H1141/S400, WIM70-Q20L100-LIU5-H1141

**Turck magnetic linear position sensors** Model(s) WIM, followed by 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200, 205, 210, 215, 220, 225, 230, 235, 240, 245, 250, 255, 260, 265, 270, 275, 280, 285, 290, 295 or 300, followed by Q25L, followed by LiU5 or Li5, followed by blank, X2, X3 or X4, followed by H1, followed by 1, followed by 4, followed by 1, may be followed by /S or /CS and a 2 to 5 digit number.

WIM45-UNTL-0.3-BIM-UNT-LUAP6X4-H1141, WIM45-UNTL-LiU5X2-0.3-PSG 4M, WIM45-UNTL-LiU5X2-0.3-RS 4

**Turck proximity sensors** Model(s) B, N or S, followed by l, i, C, CC, CT or IM, may be followed by up to 3 digits, may be followed by U, NF, R, F, S or T, followed by a series of 2 to 8 alpha or numeric characters, may be additionally followed by x.x-BDS, x.x-BCM, x.x-BS, x.xM-BDS, x.xM-BCM, x.xM-BS, x.x/x.x-BDS, x.x/x.x-BCM, x.x/x.x-BS, x.x/x.xM-BDS, x.x/x.xM-BCM, or x.x/x.xM-BS, may be followed by 2, followed by A, DA, R, V or U, followed by D, DZ, G, LF, LI(LU), LIU, IOL, N, P, R or SIU, followed by 5, 6, 7, 8, 61, 86, LI, LU or LIU, may be followed by X, may be followed by T, may be followed by a number, may be followed by /S or /CS and a 2 to 5 digit number.

B, N or S, followed by l, i, C, CC, CT or IM, may be followed by up to 3 digits, may be followed by U, NF, R, F, S or T, followed by a series of 2 to 8 alpha or numeric characters, may be additionally followed by x.x-BDS, x.x-BCM, x.x-BS, x.xM-BDS, x.xM-BCM, x.xM-BS, x.x/x.x-BDS, x.x/x.x-BCM, x.x/x.x-BS, x.x/x.xM-BDS, x.x/x.xM-BCM, or x.x/x.xM-BS, may be followed by 2, followed by A, DA, R, V or U, followed by D, DZ, G, LF, LI(LU), LIU, IOL, N, P, R or SIU, followed by 5, 6, 7, 8, 61, 86, LI, LU or LIU, may be followed by X, may be followed by T, may be followed by a number, may be followed by H1, B1, B2, B3, or V1, may be followed by /S or /CS and a 2 to 5 digit number.

KM51105595V000

**Ultrasonic proximity switches** Model(s) RU(a)

(a) - followed by a two or three digit number up to 600, followed by U, E,R, or L, followed by -, may be followed by E, followed by M, MT or S, followed by 12, 18 or 30, followed by E or M, may be followed by S, or followed by CK40 or CP40 followed by -, may be followed by a single digit two or higher, followed by A, R, U, LFX, LIU#, LU#, LI# where # may be a single digit, followed by NP, PN, N, or P, followed by 5, 6, or 8, may be followed by X or X2, followed by -, may be followed by blank or xM or H1, followed by 1, followed by a single digit number up to 5, followed by 1, may be followed by /S and 2 to 5 digit numbers, may be followed by / followed by 3, followed by G or D or GD.

(b) - may be followed by E, followed by QRXX, may be followed by MX, where X is a numerical character, may be followed by blank or H11, may be followed by two digits, may be followed by fifteen digits, may be followed by /S or /CS and a 2 to 5 digit number, may be followed by / followed by 3, followed by G or D or GD.

\* - May be followed by additional alphanumeric suffixes.

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