



NRKH.E174191 Proximity Switches

[Page Bottom](#)

Proximity Switches

[See General Information for Proximity Switches](#)

IFM ELECTRONIC GMBH

FRIEDRICHSTRASSE 1
45128 ESSEN, GERMANY

E174191



Trademark and/or Tradename: "ifm" , "www.ifm.com" , "www.ifm.info" ,

Proximity switches Model(s) IN5434, IN5435, IN5451, IN5452

Proximity switches, level sensors Model(s) LR2350

Ultrasonic proximity switches UQ Series Model(s) UGT580, UGT581, UGT582, UGT583, UGT584, UGT585, UGT586, UGT587, UGT588, UGT589, UGT590, UGT591

Investigated to ANSI/UL 60947-5-2

Photo electric switches Model(s) E012, E013, E018, E019, E020, E021, E022, E023

Proximity switches Model(s) A001, A002, A003, A004, A005, A006, A007, A008, A009, D001, ID5074, IE5446, IGS276

Proximity switches, AC/DC inductive Model(s) IVE2020BFBKA, IVE3020UBPKG/US

Proximity switches, inductive switches Model(s) Cat. No. IN0131

Proximity switches, level sensors Model(s) H002, LR2050, LR2059, LR2759, LR9020, LX0013, LX0021, LX0024, LX0025

Proximity switches, magnetic Model(s) 234-13163-9, C003, C004, C005, C006, C007, C008, C009, MK5186, MK5220, MK5222, MR0100, MR0101, MR0102, MR0107, MR0112, MR0117, REED-FL2-00, REED-FL2-00-S, REED-FL5-00, REED-QDS-M12E, REED-QDS-M8E, REED-QDS-M8S, REED-QDS-M8U, SWITCH L3S

Proximity switches, modular technology Model(s) IGC240, IGM222

Model(s) MR0119, MR0120, MR0121, MR0122, MR0123, MR5100

Investigated to ANSI/UL 508, ANSI/UL 60947-5-2

Photo electric switches, optical distance sensors Model(s) OID204

Investigated to ANSI/UL 508

3D cameras Model(s) O3D201, O3D211, O3D212 PMD VISION S3 64X48 PIXEL

3D sensors Model(s) O3D200, O3D210

Multicode readers Model(s) O2I, followed by I or R, followed by O, followed by S-G, followed by up to 15 letters and/or numbers.

T001

Photo electric switches Model(s) E001, E002, E003, E004, E005, E006, E007, E008, E009, E010, E011, O6H317

Photo electric switches, through beam type Model(s) O7, followed by E or S, followed by blank or L, followed by C, D, F, H or O, followed by BOW, BOA, NKG, PKG, CKG, KOA, OKG or OOA, followed by up to 20 letters and/or numbers.

Photo electric switches, accessories Model(s) E2D100, O2D901, O2D902, O2D903, O2D904, O2D905

Photo electric switches, contour sensor type Model(s) O2D or O2V, followed by I, R or W, followed by O or R, followed by S-G, NKG or PKG, followed by up to 11 letters and/or numbers.

Photo electric switches, fiber-optic type Model(s) OB, OG, OI, OK, OO or OU, followed by F, followed by blank, followed by C, D, F, H or O, followed by AKG, BOW, BOA, NKG or PKG, followed by up to 20 letter and/or numbers.

Photo electric switches, optical distance sensors Model(s) O1D100, O1D101, O1D102, O1D103, O1D104, O1D105, O1D106, O1D155, O1D200, O1D201, O1D202, O1D204, O1D206, O1D209, O1D211, O1D213, O1D300, O1D405, O5D100, O5D101, O5D102, O5D150, O5D151, O1D200, O1D201, O1D202, O1D250, O1D251, O1D254

Photo electric switches, reflection type Model(s) O7, followed by B, C, H, K, N, R, P or T; followed by blank, L or G, followed by C, D, F, H, M or O, followed by AKG, BOW, BOA, NKG, PKG, CKG or KOA, followed by up to 20 letters and/or numbers.

OA, OF, OG, OI, OJ, OL, OS, OT, OU, O4 or O5, may be followed by B, C, H, K, N, R, P or T, may be followed by blank, G or L, may be followed by C, D, F, H, M or O, may be followed by AKG, BOA, BOW, NKG, PKG, CKG or KOA, may be followed by up to 20 letters and/or numbers.

OGH080, OGH081, OGH280, OGH281, OGH282, OGH283, OGH284, OGH285, OGH380, OGH381, OGH382, OGH383, OGH580, OGH581, OGP080, OGP081, OGP280, OGP281, OGP282, OGP283, OGP288, OGT302, OIH280, OIH281, OIH282, OIH283, OIH580, OIH581, OIH582, OIH583, OIP280, OIP281, OIP282, OIP283

Photo electric switches, through beam type Model(s) OA, OF, OG, OJ, OS, OT, OU, O4 or O5, followed by E or S, may be followed by blank or L, may be followed by C, D, F, H or O, may be followed by BOA, BOW, CKG, NKG, KOA, OKG, OOA or PKG, may be followed by up to 20 letters and/or numbers.

OGE080, OGE081, OGE280, OGE281, OGE282, OGE380, OGE381, OGE382, OGS080, OGS280, OGS380, OJ5194

Proximity switches Model(s) 3MAS-510-TPS

DG, IA, IB, IC, ID, IE, IF, IG, II, IL, IM, IN, IS, IT, IW, IY or IZ, followed by A, B, C, D, E, G, K or blank, followed by 2, 3, 4 or C, followed by 3 numbers, followed by B, D, S, U or blank, followed by A, B, C, F or W, followed by BOA, BOW, NKG, NOG, PKG, POG, RLA, ROG, ROA, RKA, RKG or SKG, followed by up to 15 letters and/or numbers.

I7R201, I7R202, I7R203, I7R204, I7R205, I7R206, I7R207, I7R208, I7R209, I7R210, I7R211, I7R212, I7R213, I7R214, I7R215, I7R216, I7R217, I85000, I85001, I85002, I85003, I85004, I85005, I85006, I85007, I85008, I85009, IB5167, IB5168

IE, IF, IG and II, followed by A, B or K, followed by 2 or 3, followed by 3 numbers, followed by B or blank, followed by A or B, followed by BOA, NKG, PKG or RKG, followed by /AM, followed by /xm (where x is the cable length) followed by up to 15 letters and / or numbers.

IE, IF, IG or II, followed by A, B or K, followed by 2 or 3, followed by 3 numbers, followed by B or blank, followed by A or B, followed by BOA, NKG or PKG, followed by /AM, may be followed by /AS or /US, followed by up to 15 letters and / or numbers.

IE5257, IE5412, IEB31,5-APKG, IEB31,5-BPKG, IEB31,5-BPKG/AS

IF, IG and II, followed by K, followed by 3, followed by 3 numbers, followed by blank, followed by A or B, followed by NKG or PKG, followed by /I, may be followed by /US followed by up to 15 letters and / or numbers.

IF5539, IF5545, IF5904, IF6022, IF6023, IF6049, IG0401, IG0402, IG0403, IG5319, IG5933, IG6565, IG6566, IG6567, IG6568, II0362, II0366, II5920, II5921, II5923, II5924, ILB30,8-BPKG, IM5139, IM5140, IM5141, IM5142, IN0121, IN0122, IN0123, IN0124, IN0136, IN5353, IN5354, IN5355, IN5356, IN5357, IN5358, IN5359, IN5360, IN5361, IN5362, IN5366, IN5367, IN5374, IN5375, IN5444, IN5445, IN5446, IN5447, IN5448, IR5046, IR5067, IS5054, ITB3002-BPKG, IVE4020BCPKG, IVE4020ZCPKG, IVE4020ZCPKG/20M, IVE4040-CPKG, IYB31,5-BPKG, IYB31,5-BPKG/AS, IZ93001-BPKG, IZB31,5-BPKG

KA, KB, KD, KG or KI, followed by E or blank, followed by 2 or 3, followed by 3 numbers, followed by A, B or F, followed by BOA, NKG or PKG, followed by up to 15 letters and/or numbers.

KF, followed by A or blank; followed by 3; followed by 3 numbers; followed by -A, -B, BA, BB, BF, NA, NB or NF; followed by PKG or NKG; followed by up to 18 letters and/or numbers.

KF5001, KF5002, KF5013, KF5016

KG or KI, followed by A or blank, followed by 2 or 3, followed by 3 numbers, followed by -A, -B, BA, BB, BF, NA, NB or NF, followed by AKG, NKG, NOG, PKG, BOA, followed by up to 18 letters and/or numbers.

KG5043, KG5045, KG5068, KI504A

KQ, followed by A or blank; followed by 3; followed by 3 numbers; followed by -A, -B, BA, BB, BF, NA, NB or NF; followed by AKG, PKG, NKG or NOG; followed by up to 18 letters and/or numbers.

KQ5100, KQ5101, KQ5102, KQ6001, KQ6002, KQ6003, KQ6004, KQ6005, KQ6007, KQ6015, KQ6016, MK5054, MK5055, MK5056, MKN3000-BPKG, MKN3000-BPKG0, OPL200, OPL201, OPL202, OPL203, OPL204, OPL205, OPL211, OPU200, OPU201, OPU202, OPU203, OPU204, OPU205, OPU207, OPU208, OPU209, OPU210, OPU700, OPU701, OPU702

Proximity switches, dual switches Model(s) AC23, followed by 0 or 1, followed by 0, 4, 5, 6, 7 or 9.

AT2316

I, followed by 95 or 90, followed by 009, 011, 012, 001, 002, 003, 004, 005, 006.

IIK3008-BPKG/K0/US, IN5334, OC-5230, OC-5231, OCE-CPKG OC5202, OCE-CPKG/US OC5204, OCH-ASI/US OC5227, OCH-CPKG OC5215, OCH-CPKG OC5228, OCH-CPKG/US OC5216, OCH-CPKG/US OC5229, OCK-FCKG/US OC5220, OCP-ASI/US OC5226, OCP-CPKG OC5207, OCP-CPKG/US OC5208, OCS-00KG OC5201, OCS-00KG/US OC5203, OCT-CPKG OC5212, OCT-CPKG/US OC5213, OCV-CPKG OC5218, OCV-CPKG/US OC5219

Proximity switches, inductive switches Model(s) AC016S, G15001, G15002, G15004, G15005, G1506S, GF711S*, GG505S*, GG506S*, GG507S*, GG711S*, GG712S*, GG851S*, GI5002*, GI505S*, GI506S*, GI701S*, GI711S*, GI712S*, GM504S*, GM505S*, GM701S*, GM705S*

Proximity switches, level sensors Model(s) H001, KN5104, KN5105, KN5106, KN5107, KN5112, KN5116, KN5118, KN5128, LI2141, LI2142, LI2143, LI2241, LI2242, LI2243, LI2441, LI2442, LI2443, LI5141, LI5142, LI5143, LI5144, LK1022, LK1023, LK1024, LK3022, LK3023, LK3024, LK3122, LK3123, LK3124, LK7022, LK7023, LK7024, LK8022, LK8023, LK8024, LK8122, LK8123, LK8124, LL8022, LL8023, LL8024, LMT100, LMT110, LMT121, LR2750, LR3000, LR3300, LR7000, LR7300, LR8000, LR8300, LT8022, LT8023, LT8024, LX0007, LX0008

Proximity switches, magnetic Model(s) 490-4563-001, 490-4564-001, 490-4565-001, 6820SIS, C001, C002, M12T-25, M95004

ME, MF, MG, MK or MS, followed by B, C, G, I, K or blank, followed by 2 or 3, followed by 3 numbers, followed by -A, -B, BA or BB, followed by PKG, NKG or RKG, followed by up to 20 letters and/or numbers.

MFS209, MFS210, MFS211, MFT202, MFT204, MGS204, MGS205, MGS206, MGT203

MK, followed by T; followed by 2 or 3; followed by 3 numbers; followed by -A, -B, BA or BB; followed by PKG, NKG or RKG; followed by up to 20 letters and/or numbers.

MK5100, MK5101, MK5102, MK5103, MK5104, MK5105, MK5106, MK5107, MK5108, MK5109, MK5110, MK5111, MK5112, MK5113, MK5114, MK5115, MK5116, MK5117, MK5118, MK5119, MK5120, MK5121, MK5122, MK5123, MK5124, MK5127, MK5128, MK5129, MK5130, MK5131, MK5132, MK5133, MK5137, MK5138, MK5139, MK5140, MK5141, MK5142, MK5147, MK5148, MK5149, MK5150, MK5151, MK5152, MK5153, MK5154, MK5155, MK5156, MK5157, MK5158, MK5159, MK5161, MK5170, MK5176, MK5177, MK5193, MR0901, MR0902

NP, followed by FLx (where x is the cable length), QDP or QDS, followed by M8, M12 or 00, followed by up to 2 letters and/or numbers.

Proximity switches, modular technology Model(s) 0714-473-000, 0714-473-001, 0714-473-003, 0714-473-004, 0714-473-005, 4-008-61-0111, 4-008-61-0158, IF5775, IF5811, IF5896, IF5898, IFC200, IFC201, IFC202, IFC203, IFC204, IFC205, IFC206, IFC207, IFC208, IFC209, IFC210, IFC211, IFC213, IFC229, IFC230, IFC237, IFC238, IFC239, IFC240, IFC241, IFC242, IFC243, IFC244, IFC246, IFC247, IFC248, IFC259, IFM203, IFM204, IFM205, IFM206, IFM207, IFM208, IFM209, IFM210, IFM213, IFM216, IFM218, IFS200, IFS201, IFS202, IFS203, IFS204, IFS205, IFS206, IFS207, IFS208, IFS209, IFS210, IFS211, IFS212, IFS213, IFS214, IFS215, IFS216, IFS217, IFS218, IFS219, IFT200, IFT201, IFT202, IFT203, IFT204, IFT205, IFT206, IFT207, IFT208, IFT209, IFT210, IFT211, IFT212, IFT213, IFT216, IFT217, IFT220, IFT221, IFT229, IFT230, IFT231, IFT232, IFT235, IFT236, IFT237, IFT238, IFT249, IFT252, IFW200, IFW201, IG5595, IG5712, IG5905, IG5907, IGC001, IGC002, IGC200, IGC201, IGC202, IGC203, IGC204, IGC205, IGC206, IGC207, IGC208, IGC209, IGC210, IGC211, IGC213, IGC215, IGC220, IGC221, IGC224, IGC225, IGC226, IGC227, IGC228, IGC229, IGC230, IGC231, IGC232, IGC233, IGC234, IGC235, IGM200, IGM201, IGM202, IGM203, IGM204, IGM205, IGM206, IGM207, IGM208, IGM209, IGM213, IGM214, IGM216, IGS001, IGS002, IGS200, IGS201, IGS202, IGS203, IGS204, IGS205, IGS206, IGS207, IGS208, IGS209, IGS210, IGS211, IGS212, IGS213, IGS214, IGS215, IGS216, IGS217, IGS218, IGS219, IGT001, IGT002, IGT200, IGT201, IGT202, IGT203, IGT204, IGT205, IGT206, IGT207, IGT208, IGT209, IGT211, IGT212, IGT213, IGT214, IGT215, IGT219, IGT220, IGT223, IGT224, IGT225, IGT226, IGT237, IGT238, IGT239, IGT240, IGT242, IGT243, IGT244, IGT245, IGW200, IGW201, IIS827, IIS829, IIC200, IIC201, IIC206, IIC207, IIC210, IIC211, IIC212, IIC213, IIC214, IIC215, IIC216, IIC217, IIC218, IIC219, IIC220, IIC221, IIM200, IIM201, IIM202, IIM203, IIM208, IIM209, IIM210, IIM211, IIM215, IIM216, IIS204, IIS205, IIS206, IIS207, IIS208, IIS209, IIS210, IIS211, IIS212, IIS213, IIS214, IIS215, IIS216, IIS217, IIT001, IIT002, IIT500, IIT502, IIT504, IIT505, IIT506, IIT507, IIT508, IIT509, IIT510, IIT512, IIT513, IIT516, IIT517, IIT523, IIT524, IIT525, IIT526, IIT539, IIW200, IIW201

Ultrasonic proximity switches, with cable or plug connections Model(s) UGR500, UGR501, UGR502, UGR503, UGT200, UGT201, UGT202, UGT203, UGT204, UGT205, UGT206, UGT207, UGT208, UGT209, UGT210, UGT211, UGT500, UGT501, UGT502, UGT503, UGT504, UGT505, UGT506, UGT507, UGT508, UGT509, UGT510, UGT511, UGT512, UGT513, UGT514, UGT515, UGT516, UGT517, UGT518, UGT519, UGT520, UGT521, UGT522, UGT523

* - Followed by letters or numbers.

@ - May be followed by additional letters or numbers.

NOTE - The following switches are not covered by in Report 1991-03-14 Vol 1.2 and 1.17: any switch utilizing No. 31 AWG or smaller wire. Exception: Models with plastic terminal block housings utilizing a Listed cord grip in conjunction with a cord whose diameter is within the minimum/maximum parameters specified by the cord grip manufacturer (additional suffix Y).

Last Updated on 2017-03-01

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2017 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2017 UL LLC".



NRKH7.E174191 Proximity Switches Certified for Canada

[Page Bottom](#)

Proximity Switches Certified for Canada

[See General Information for Proximity Switches Certified for Canada](#)

IFM ELECTRONIC GMBH

E174191

FRIEDRICHSTRASSE 1
45128 ESSEN, GERMANY

Proximity switches, level sensors Model(s) LR2350

Ultrasonic proximity switches UQ Series Model(s) UGT580, UGT581, UGT582, UGT583, UGT584, UGT585, UGT586, UGT587, UGT588, UGT589, UGT590, UGT591

Investigated to CSA-C22.2 No. 14

3D cameras Model(s) O3D201, O3D211, O3D212 PMD VISION S3 64X48 PIXEL

3D sensors Model(s) O3D200, O3D210

Multicode readers Model(s) O2I, followed by I or R, followed by O, followed by S-G, followed by up to 15 letters and/or numbers.

T001

Photo electric switches, through beam type Model(s) O7, followed by E or S, followed by blank or L, followed by C, D, F, H or O, followed by BOW, BOA, NKG, PKG, CKG, KOA, OKG or OOA, followed by up to 20 letters and/or numbers.

Photo electric switches, accessories Model(s) E2D100, O2D901, O2D902, O2D903, O2D904, O2D905

Photo electric switches, contour sensor type Model(s) O2D or O2V, followed by I, R or W, followed by O or R, followed by S-G, NKG or PKG, followed by up to 11 letters and/or numbers.

Photo electric switches, fiber-optic type Model(s) OB, OG, OI, OK, OO or OU, followed by F, followed by blank, followed by C, D, F, H or O, followed by AKG, BOW, BOA, NKG or PKG, followed by up to 20 letter and/or numbers.

Photo electric switches, optical distance sensors Model(s) O1D100, O1D101, O1D102, O1D103, O1D104, O1D105, O1D106, O1D155, O1D200, O1D201, O1D202, O1D204, O1D206, O1D209, O1D211, O1D213, O1D300, O1D405, O5D100, O5D101, O5D102, O5D150, O5D151, O1D200, O1D201, O1D202, O1D204, O1D250, O1D251, O1D254

Photo electric switches, reflection type Model(s) O7, followed by B, C, H, K, N, R, P or T; followed by blank, L or G, followed by C, D, F, H, M or O, followed by AKG, BOW, BOA, NKG, PKG, CKG or KOA, followed by up to 20 letters and/or numbers.

OA, OF, OG, OI, OJ, OL, OS, OT, OU, O4 or O5, may be followed by B, C, H, K, N, R, P or T, may be followed by blank, G or L, may be followed by C, D, F, H, M or O, may be followed by AKG, BOA, BOW, NKG, PKG, CKG or KOA, may be followed by up to 20 letters and/or numbers.

OGH080, OGH081, OGH280, OGH281, OGH282, OGH283, OGH284, OGH285, OGH380, OGH381, OGH382, OGH383, OGH580, OGH581, OGP080, OGP081, OGP280, OGP281, OGP282, OGP283, OGP288, OGT302, OIH280, OIH281, OIH282, OIH283, OIH580, OIH581, OIH582, OIH583, OIP280, OIP281, OIP282, OIP283

Photo electric switches, through beam type Model(s) OA, OF, OG, OJ, OS, OT, OU, O4 or O5, followed by E or S, may be followed by blank or L, may be followed by C, D, F, H or O, may be followed by BOA, BOW, CKG, NKG, KOA, OKG, OOA or PKG, may be followed by up to 20 letters and/or numbers.

OGE080, OGE081, OGE280, OGE281, OGE282, OGE380, OGE381, OGE382, OGS080, OGS280, OGS380, OJ5194

Proximity switches Model(s) 3MAS-510-TPS, D001

DG, IA, IB, IC, ID, IE, IF, IG, II, IL, IM, IN, IS, IT, IW, IY or IZ, followed by A, B, C, D, E, G, K or blank, followed by 2, 3, 4 or C, followed by 3 numbers, followed by B, D, S, U or blank, followed by A, B, C, F or W, followed by BOA, BOW, NKG, NOG, PKG, POG, RLA, ROG, ROA, RKA, RKG or SKG, followed by up to 15 letters and/or numbers.

I7R201, I7R202, I7R203, I7R204, I7R205, I7R206, I7R207, I7R208, I7R209, I7R210, I7R211, I7R212, I7R213, I7R214, I7R215, I7R216, I7R217, I85000, I85001, I85002, I85003, I85004, I85005, I85006, I85007, I85008, I85009, IB5167, IB5168, ID5074

IE, IF, IG and II, followed by A, B or K, followed by 2 or 3, followed by 3 numbers, followed by B or blank, followed by A or B, followed by BOA, NKG, PKG or RKG, followed by /AM, followed by /xm (where x is the cable length) followed by up to 15 letters and / or numbers.

IE, IF, IG or II, followed by A, B or K, followed by 2 or 3, followed by 3 numbers, followed by B or blank, followed by A or B, followed by BOA, NKG or PKG, followed by /AM, may be followed by /AS or /US, followed by up to 15 letters and / or numbers.

IE5257, IE5412, IE5446, IEB31,5-APKG, IEB31,5-BPKG, IEB31,5-BPKG/AS

IF, IG and II, followed by K, followed by 3, followed by 3 numbers, followed by blank, followed by A or B, followed by NKG or PKG, followed by /I, may be followed by /US followed by up to 15 letters and / or numbers.

IF5539, IF5545, IF5904, IF6022, IF6023, IF6049, IG0401, IG0402, IG0403, IG5319, IG5933, IG6565, IG6566, IG6567, IG6568, II0362, II0366, II5920, II5921, II5923, II5924, ILB30,8-BPKG, IM5139, IM5140, IM5141, IM5142, IN0121, IN0122, IN0123, IN0124, IN0136, IN5353, IN5354, IN5355, IN5356, IN5357, IN5358, IN5359, IN5360, IN5361, IN5362, IN5366, IN5367, IN5374, IN5375, IN5444, IN5444, IN5447, IN5448, IR5046,

IR5067, IS5054, ITB3002-BPKG, IVE4020BCPKG, IVE4020ZCPKG, IVE4020ZCPKG/20M, IVE4040-CPKG, IYB31,5-BPKG, IYB31,5-BPKG/AS, IZ93001-BPKG, IZB31,5-BPKG

KA, KB, KD, KG or KI, followed by E or blank, followed by 2 or 3, followed by 3 numbers, followed by A, B or F, followed by BOA, NKG or PKG, followed by up to 15 letters and/or numbers.

KF5001, KF5002, KF5013, KF5016

KG or KI, followed by A or blank, followed by 2 or 3, followed by 3 numbers, followed by -A, -B, BA, BB, BF, NA, NB or NF, followed by AKG, NKG, NOG, PKG, BOA, followed by up to 18 letters and/or numbers.

KI504A, KQ6001, KQ6002, KQ6003, KQ6004, KQ6005, KQ6007, MK5054, MK5055, MK5056, MKN3000-BPKG, MKN3000-BPKG0, OPL200, OPL201, OPL202, OPL203, OPL204, OPL205, OPL211, OPU200, OPU201, OPU202, OPU203, OPU204, OPU205, OPU207, OPU208, OPU209, OPU210, OPU700, OPU701, OPU702

Proximity switches, dual switches Model(s) AC23, followed by 0 or 1, followed by 0, 4, 5, 6, 7 or 9.

AT2316

I, followed by 95 or 90, followed by 009, 011, 012, 001, 002, 003, 004, 005, 006.

IIK3008-BPKG/K0/US, IN5334, OC-5230, OC-5231, OCE-CPKG OC5202, OCE-CPKG/US OC5204, OCH-ASI/US OC5227, OCH-CPKG OC5215, OCH-CPKG OC5228, OCH-CPKG/US OC5216, OCH-CPKG/US OC5229, OCK-FCKG/US OC5220, OCP-ASI/US OC5226, OCP-CPKG OC5207, OCP-CPKG/US OC5208, OCS-00KG OC5201, OCS-00KG/US OC5203, OCT-CPKG OC5212, OCT-CPKG/US OC5213, OCV-CPKG OC5218, OCV-CPKG/US OC5219

Proximity switches, inductive switches Model(s) AC016S, G15001, G15002, G15004, G15005, G1506S, GF711S*, GG505S*, GG506S*, GG507S*, GG711S*, GG712S*, GG851S*, GI5002*, GI505S*, GI506S*, GI701S*, GI711S*, GI712S*, GM504S*, GM505S*, GM701S*, GM705S*

Proximity switches, level sensors Model(s) H001, H002, KN5104, KN5105, KN5106, KN5107, KN5112, KN5116, KN5118, KN5128, LI2141, LI2142, LI2143, LI2241, LI2242, LI2243, LI2441, LI2442, LI2443, LI5141, LI5142, LI5143, LI5144, LK1022, LK1023, LK1024, LK3022, LK3023, LK3024, LK3122, LK3123, LK3124, LK7022, LK7023, LK7024, LK8022, LK8023, LK8024, LK8122, LK8123, LK8124, LL8022, LL8023, LL8024, LMT100, LMT110, LMT121, LR2050, LR2059, LR2750, LR2759, LR3000, LR3300, LR7000, LR7300, LR8000, LR8300, LR9020, LT8022, LT8023, LT8024, LX0007, LX0008, LX0013, LX0021, LX0024, LX0025

Proximity switches, magnetic Model(s) 490-4563-001, 490-4564-001, 490-4565-001, 6820SIS, C001, C002, M12T-25, M95004

ME, MF, MG, MK or MS, followed by B, C, G, I, K or blank, followed by 2 or 3, followed by 3 numbers, followed by -A, -B, BA or BB, followed by PKG, NKG or RKG, followed by up to 20 letters and/or numbers.

MFS209, MFS210, MFS211, MFT202, MFT204, MGS204, MGS205, MGS206, MGT203, MK5100, MK5101, MK5102, MK5103, MK5104, MK5105, MK5106, MK5107, MK5108, MK5109, MK5110, MK5111, MK5112, MK5113, MK5114, MK5115, MK5116, MK5117, MK5118, MK5119, MK5120, MK5121, MK5122, MK5123, MK5124, MK5127, MK5128, MK5129, MK5130, MK5131, MK5132, MK5133, MK5137, MK5138, MK5139, MK5140, MK5141, MK5142, MK5147, MK5148, MK5149, MK5150, MK5151, MK5152, MK5153, MK5154, MK5155, MK5156, MK5157, MK5158, MK5159, MK5161, MK5170, MK5176, MK5177, MK5193, MR0901, MR0902

NPN or PNP, followed by FLx (where x is the cable length), QDP or QDS, followed by M8, M12 or 00, followed by up to 2 letters and/or numbers.

Proximity switches, modular technology Model(s) 0714-473-000, 0714-473-001, 0714-473-003, 0714-473-004, 0714-473-005, 4-008-61-0111, 4-008-61-0158, IF5775, IF5811, IF5896, IF5898, IFC200, IFC201, IFC202, IFC203, IFC204, IFC205, IFC206, IFC207, IFC208, IFC209, IFC210, IFC211, IFC213, IFC229, IFC230, IFC237, IFC238, IFC239, IFC240, IFC241, IFC242, IFC243, IFC244, IFC246, IFC247, IFC248, IFC259, IFM203, IFM204, IFM205, IFM206, IFM207, IFM208, IFM209, IFM210, IFM213, IFM216, IFM218, IFS200, IFS201, IFS202, IFS203, IFS204, IFS205, IFS206, IFS207, IFS208, IFS209, IFS210, IFS212, IFS213, IFS214, IFS215, IFS216, IFS217, IFS218, IFS219, IFT200, IFT201, IFT202, IFT203, IFT204, IFT205, IFT206, IFT207, IFT208, IFT209, IFT210, IFT211, IFT212, IFT213, IFT216, IFT217, IFT220, IFT221, IFT229, IFT230, IFT231, IFT232, IFT235, IFT236, IFT237, IFT238, IFT249, IFT252, IFW200, IFW201, IG5595, IG5712, IG5905, IG5907, IGC001, IGC002, IGC200, IGC201, IGC202, IGC203, IGC204, IGC205, IGC206, IGC207, IGC208, IGC209, IGC210, IGC211, IGC213, IGC215, IGC220, IGC221, IGC224, IGC225, IGC226, IGC227, IGC228, IGC229, IGC230, IGC231, IGC232, IGC233, IGC234, IGC235, IGC240, IGM200, IGM201, IGM202, IGM203, IGM204, IGM205, IGM206, IGM207, IGM208, IGM209, IGM213, IGM214, IGM216, IGM222, IGS001, IGS002, IGS200, IGS201, IGS202, IGS203, IGS204, IGS205, IGS206, IGS207, IGS208, IGS209, IGS210, IGS211, IGS212, IGS213, IGS214, IGS215, IGS216, IGS217, IGS218, IGS219, IGT001, IGT002, IGT200, IGT201, IGT202, IGT203, IGT204, IGT205, IGT206, IGT207, IGT208, IGT209, IGT211, IGT212, IGT213, IGT214, IGT215, IGT219, IGT220, IGT223, IGT224, IGT225, IGT226, IGT237, IGT238, IGT239, IGT240, IGT242, IGT243, IGT244, IGT245, IGW200, IGW201, IIS207, IIS208, IIC200, IIC201, IIC206, IIC207, IIC210, IIC211, IIC212, IIC213, IIC214, IIC215, IIC216, IIC217, IIC218, IIC219, IIC220, IIC221, IIM200, IIM201, IIM202, IIM203, IIM208, IIM209, IIM210, IIM211, IIM215, IIM216, IIS204, IIS205, IIS206, IIS207, IIS208, IIS209, IIS210, IIS211, IIS212, IIS213, IIS214, IIS215, IIS216, IIS217, IIT001, IIT002, IIT500, IIT502, IIT503, IIT504, IIT505, IIT506, IIT507, IIT508, IIT509, IIT510, IIT512, IIT513, IIT516, IIT517, IIT523, IIT524, IIT525, IIT526, IIT539, IIW200, IIW201

Ultrasonic proximity switches, with cable or plug connections Model(s) UGR500, UGR501, UGR502, UGR503, UGT200, UGT201, UGT202, UGT203, UGT204, UGT205, UGT206, UGT207, UGT208, UGT209, UGT210, UGT211, UGT500, UGT501, UGT502, UGT503, UGT504, UGT505, UGT506, UGT507, UGT508, UGT509, UGT510, UGT511, UGT512, UGT513, UGT514, UGT515, UGT516, UGT517, UGT518, UGT519, UGT520, UGT521, UGT522, UGT523

Investigated to CAN/CSA-C22.2 No. 60947-5-2

Photo electric switches Model(s) E001, E002, E003, E004, E005, E006, E007, E008, E009, E010, E011, E012, E013, E018, E019, E020, E021, E022, E023, O6H317

Proximity switches Model(s) A001, A002, A003, A004, A005, A006, A007, A008, A009, IGS276

Proximity switches, AC/DC inductive Model(s) IVE2020BFBKA, IVE3020UBPKG/US

Proximity switches, inductive switches Model(s) Cat. No. IN0131

Proximity switches, magnetic Model(s) 234-13163-9, C003, C004, C005, C006, C007, C008, C009, MK5186, MK5220, MK5222, MR0100, MR0101, MR0102, MR0107, MR0112, MR0117, REED-FL2-00, REED-FL2-00-S, REED-FL5-00, REED-QDS-M12E, REED-QDS-M8E, REED-QDS-M8S, REED-QDS-M8U, SWITCH L3S

Model(s) MR0119, MR0120, MR0121, MR0122, MR0123, MR5100

* - Followed by letters or numbers.

@ - May be followed by additional letters or numbers.

NOTE - The following switches are not covered by in Report 1991-03-14 Vol 1.2 and 1.17: any switch utilizing No. 31 AWG or smaller wire. Exception: Models with plastic terminal block housings utilizing a Listed cord grip in conjunction with a cord whose diameter is within the minimum/maximum parameters specified by the cord grip manufacturer (additional suffix Y).



Trademark and/or Tradename: "ifm" , "www.ifm.com" , "www.ifm.info" ,

Last Updated on 2017-03-01

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2017 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2017 UL LLC".