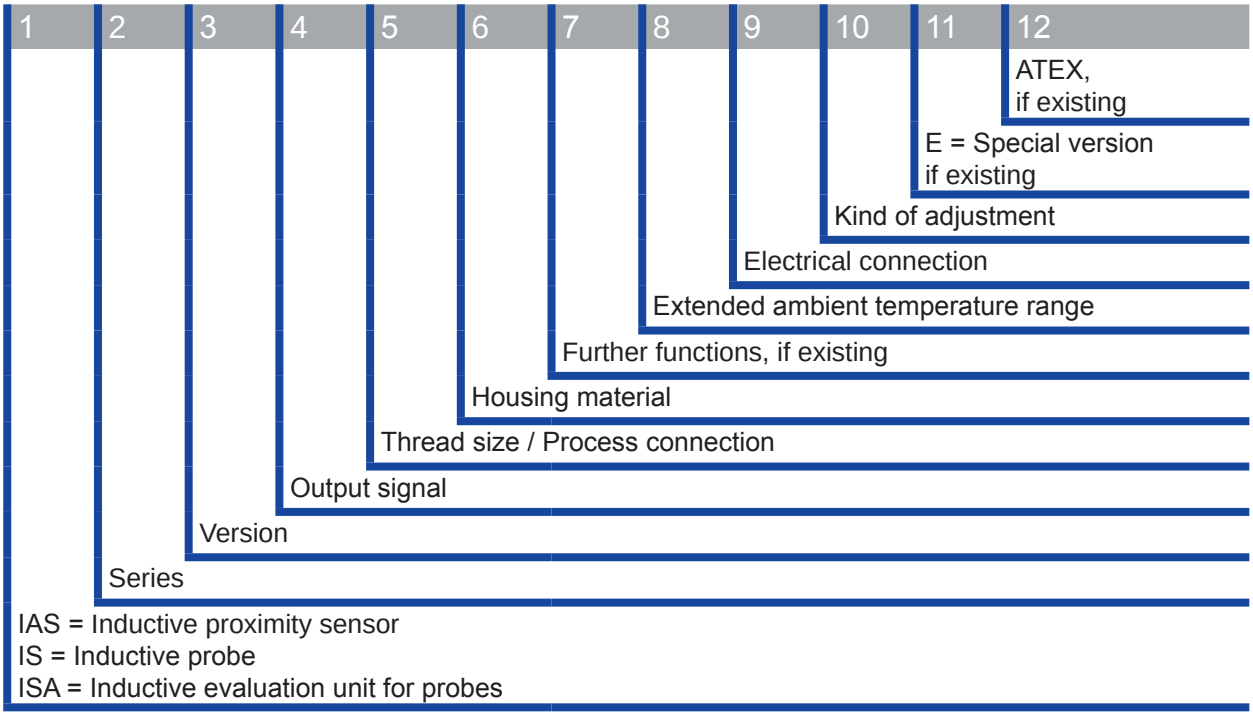
TYPE CODE

Example:
IAS - 10 - 35 - A - M32 -PTFE/VA- - - 100C - Z02 - 0



Position 2

Serie	Output	Supply voltage
30	NAMUR DIN 60947-5-6, ATEX	DC
32	NAMUR DIN 60947-5-6 ohne ATEX	DC
20	NPN	DC
10	PNP	DC
60	FET output	AC/DC

TYPE CODE

Position 3

Value	Body size (Ø = mm)	Cylindri-cal	Mounting verion	Special length (mm)
A11	M8 x 1	Yes	Flush	-
A21	M8 x1	Yes	Non-flush	-
A12	M12 x 1	Yes	Flush	-
A12/40	M12 x 1	Yes	Flush	40
A12/70	M12 x 1	Yes	Flush	70
A22	M12 x 1	Yes	Non-flush	-
A22/40	M12 x 1	Yes	Non-flush	40
A22/45	M12 x 1	Yes	Non-flush	45
A22/65	M12 x 1	Yes	Non-flush	65
A22/75	M12 x 1	Yes	Non-flush	75
A22/80	M12 x 1	Yes	Non-flush	80
A13	M18 x 1	Yes	Flush	-
A13/33	M18 x 1	Yes	Flush	33
A23	M18 x 1	Yes	Non-flush	-
A23/35	M18 x 1	Yes	Non-flush	35
A14	M30 x 1,5	Yes	Flush	-
A24	M30 x 1,5	Yes	Non-flush	-
6.5/15	Ø 6,5	Yes	Flush	15
6.5/25	Ø 6,5	Yes	Flush	25
6.5/30	Ø 6,5	Yes	Flush	30
6.5/31	Ø 6,5	Yes	Flush	31
6.5/42	Ø 6,5	Yes	Flush	42
M5	M5 x 0,5	Yes	Flush	-
M8	M8 x 1	Yes	Flush	-
M8/31	M8 x 1	Yes	Flush	31
04	Ø 4	Yes	Flush	-
10	Ø 10	Yes	Flush	-
10	Ø 11	Yes	Flush	-
14	Ø 11	Yes	Non-flush	-
14	Ø 12	Yes	Non-flush	-
14/50	Ø 12	Yes	Non-flush	50
18	Ø 18	Yes	Flush	-
20	Ø 20	Yes	Flush	-
20	Ø 22	Yes	Flush	-
20/11	Ø 20	Yes	Flush	11
20	M22 x 1,5	Yes	Flush	-
23	Ø 20	Yes	Non-flush	-
23	Ø 22	Yes	Non-flush	-
23	M22 x 1,5	Yes	Non-flush	-
30	Ø 30	Yes	Flush	-
30	Ø 32	Yes	Flush	-
30	M32 x 1,5	Yes	Flush	-
35	Ø 30	Yes	Non-flush	-
35	Ø 32	Yes	Non-flush	-

Position 3

Value	Body size (Ø = mm)	Cylindri-cal	Mounting verion	Special length (mm)
35	M32 x 1,5	Yes	Non-flush	-
37	Ø 34	Yes	Flush	-
40	Ø 40	Yes	Flush	-
41	Ø 40	Yes	Non-flush	-
53	Ø 50	Yes	Non-flush	-
61	Ø 64	Yes	Non-flush	-
C10	40 x 26 x 12	Quader	Flush	-
C14	40 x 26 x 12	Quader	Non-flush	-
BB	50 x 50 x 25	Quader	Non-flush	-
B	46,6 x 74,5 x 30	Quader	Non-flush	-
BXL	110 x 70 x 40	Quader	Non-flush	-
BA1	57,5 x 64 x 34,5	Quader	Non-flush	-
BA2	98,5 x 64 x 34	Quader	Non-flush	-

Position 4

Value	Output signal
A	Antivalent (NO + NC)
S	Normally open (NO)
Ö	Normally closed (NC)
N	NAMUR
IL0	Analogue current outpu 0...20 mA
IL4	Analogue current output 4...20 mA
IL20	Analogue current output 20...4 mA
II	Impulse - Normally open (NO)

Position 5

Value	Thread / Process connection
M5	M5 x 0,5
M8	M8 x 1
M12	M12 x 1
M18	M18 x 1
M22	M22 x 1,5
M30	M30 x 1,5
M32	M32 x 1,5

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Position 6

Material	Active surface	Housing
PA	Polyamide 6.6. glass-fibre reinforced	Polyamide 6.6. glass-fibre reinforced
PEEK	Polyetheretherketone FDA 21 CFR 177.2415	Polyetheretherketon
PEEK/VAa	Polyetheretherketone FDA 21 CFR 177.2415	Stainless steel No. 1.4301 (AISI 304)
PEEK/VAb	Polyetheretherketone FDA 21 CFR 177.2415	Stainless steel No. 1.4305 (AISI 303)
PEEK/VAc	Polyetheretherketone FDA 21 CFR 177.2415	Stainless steel No. 1.4404 (AISI 316L)
PPO	Polyphenylenoxide	Polyphenylenoxide
PTFE	Polytetrafluoroethylene FDA 21 CFR 177.1550	Polytetrafluoroethylene FDA 21 CFR 177.1550
PTFE/VAa	Polytetrafluoroethylene FDA 21 CFR 177.1550	Stainless steel No. 1.4301 (AISI 304)
PTFE/VAb	Polytetrafluoroethylene FDA 21 CFR 177.1550	Stainless steel No. 1.4305 (AISI 303)
PTFE/VAc	Polytetrafluoroethylene FDA 21 CFR 177.1550	Stainless steel No. 1.4404 (AISI 316L)
PTFE/MS	Polytetrafluoroethylene FDA 21 CFR 177.1550	Brass nickel
PVC	Polyvinylchloride	Polyvinylchloride
AL	-	Aluminium

Position 7

Value	More properties
HC	Products with a high dielectric constant or conductivity

Position 8

Value	Advanced temperature range
No indication	No advanced temperature range
90C	90°C
100C	100°C
120C	120°C
150C	150°C
180C	180°C
250C	250°C

Position 9

Value	Electrical connection
Z0E	Special cable length
Z01	1 m connection cable
Z02	2 m connection cable
Z03	3 m connection cable
Z04	4 m connection cable
Z05	5 m connection cable
Z10	10 m connection cable
Y1	Flange connector M 12 x 1, AC, 2 Pin
Y3	Flange connector M 12 x 1 (Plastic), DC, 4 Pin
Y5	Flange connector M 12 x 1 (Metal), DC, 4 Pin
Y9	Flange connector M 12 x 1, AC, 3 Pin
Y10	Flange connector M 12 x 1, DC, 5 Pin
Y10C	Coupling plug M 12 x 1, DC, 5 Pin
Y7	Flange connector M 8 x 1, DC, 3 Pin
Y12	Flange connector M 8 x 1 (Metall), DC, 4 Pin
Y20	Connection to evaluation unit / Sensor Y20
YE	Flange connector special housing

TYPE CODE

Position 10

Value	Sensitivity adjustment
1	Potentiometer
0	Fix adjusted, no adjustment possible

Position 11

Value	Special version
E	Special version

Position 12

Value	Device for use in areas with the risk of explosion
StEx	For ATEX zone 20
3D	With manufacturer declaration for ATEX zone 22
3G	With manufacturer declaration for ATEX zone 2
3D3G	With manufacturer declaration for ATEX zone 22 and 2

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