FORTIMAG MODEL CODE

FORTIMAG™

Issued November 2026

Codes such as ISFS-300 and HS-300 are single field values; positions are delimited by field, not by every hyphen.

A ORDER CODE REFERENCE

01	02	03	04	05	06	07	08	09
PRODUCT	CONFIG	MATERIAL	SIZE	FLOAT MATL.	FLOAT SG	PRESSURE	CONSTRUCTION	CONN TYPE

10	11	12	13	14	15	16	17	18
CONN SIZE	INDICATOR	FLOATSENSE	SCALE	C-C LENGTH	VENT	DRAIN	FINISH	OPTIONS

B POSITION REFERENCE · 01–07

01 Product Type

FM	Fortimag — heavy-duty / high-pressure

02 Chamber Configuration

SS	Side–Side (standard)
TB	Top–Bottom
TS	Top–Side
BS	Bottom–Side
TM	Top Mount

03 Chamber Material

316	SS316 (standard)
CC	Custom / exotic — Hastelloy, Monel K-500, Inconel 625, coated / lined (consult factory)

04 Chamber Size

15	1.5"
02	2" (standard)
25	2.5"
SP	Special

Class 1500 uses the 2.5" chamber; Class 2500 is built to order (SP).

05 Float Material

TI	Titanium (standard)
SS	316 Stainless Steel
CU	Custom / consult factory

CU covers coated, lined and exotic floats — consult factory.

06 Float Specific Gravity

SGX.XX	User-specified (e.g. SG1.00, SG0.88, SG0.34)

Fortimag minimum SG ≥ 0.34.

07 Pressure / Flange Class

ANSI	150 · 300 · 600 · 900 · 1500 · 2500
DIN	PN10 · PN16 · PN25 · PN40 — special-order flanges
JIS	J5K · J10K · J16K · J20K — special-order flanges
SP	Special (incl. PN63 / PN100)

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B POSITION REFERENCE · 08–14

08 Construction Code

IG	Industrial Grade
B1	ASME B31.1 Power Piping
B3	ASME B31.3 Process Piping

09 Process Connection Type

FL	Flanged
FNPT	Female NPT
MNPT	Male NPT
WO	Weldolet
SO	Sockolet
CS	Custom

10 Process Connection Size

ANSI / NPT	05 (½") · 075 (¾") · 01 (1") · 125 (1¼") · 15 (1½") · 02 (2") · 25 (2½") · 03 (3") · 04 (4")
DIN	DN15 · DN20 · DN25 · DN32 · DN40 · DN50 · DN65
JIS	15A · 20A · 25A · 32A · 40A · 50A
CS	Custom / special

Standard-aware: only sizes valid for the chosen flange standard apply.

11 Indicator Configuration

ISF-300	Stainless steel flags, aluminum housing, no scale — 300 °C
ISFS-300	Stainless steel flags, aluminum housing with scale — 300 °C (standard)
IAF-450	High-temperature aluminum flags, with scale — 450 °C
HS-300	Hermetically sealed indicator, argon-filled, stainless housing with scale — 300 °C
IX	No Indicator

12 FloatSense

NF	No FloatSense (standard)
FS	FloatSense™ float-integrity monitoring

13 Scale

IMP	Feet & Inches (Imperial)
MET	Metres / cm (Metric)
PER	Percent 0–100 %
GAL	Gallons — custom-graduated to tank volume
LIT	Litres — custom-graduated to tank volume
NS	No Scale
CUS	Custom

14 Centre-to-Centre Length

XX.XV	Inches — e.g. 66.0V
XXXXE	Millimetres — e.g. 2154E

Standard lengths to 222 in (5,640 mm) centre-to-centre; longer lengths on request.

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B POSITION REFERENCE · 15–18

15 Vent — Type

M	MNPT
F	FNPT
FL	Flanged — ½″ and up
CS	Custom machined port
NV	No Vent

15 Vent — Size

18	0.125"
025	0.25"
38	0.375"
05	0.5"
75	0.75"
1	1"
00	No Vent

No vent = NV-00. Flanged vents (FL) are ½" and up; smaller sizes are threaded only.

16 Drain — Type

M	MNPT
F	FNPT
FL	Flanged — ½″ and up
CS	Custom machined port
ND	No Drain

16 Drain — Size

18	0.125"
025	0.25"
38	0.375"
05	0.5"
75	0.75"
1	1"
00	No Drain

No drain = ND-00. Flanged drains (FL) are ½" and up; smaller sizes are threaded only.

17 Finish

PA	Passivated (standard)
EP	Electropolished — external surfaces
PT	Painted — exterior / non-wetted
PC	Powder Coated — exterior / non-wetted

18 Options (stackable)

MLT	LevelSync™ magnetostrictive level transmitter
PLS-1 to PLS-8	SurePoint™ clamp-on switches, Qty 1–8
IB	Insulation Blanket
HT	Heat Tracing
INTSGX.XX	Interface service — second liquid SG (specify)
VG	VaporGuard™ — flashing-service float protection (Fortimag only)
X	Custom Options

C SAMPLE CODES

SAMPLE CONFIGURATIONS

Class 900 · B31.1 · custom-machined ports · transmitter

`FM-SS-316-02-TI-SG0.88-900-B1-FL-01-ISFS-300-NF-IMP-66.0V-CS-05-CS-05-PA-MLT`

Class 1500 · extreme pressure · flanged · electropolished

`FM-SS-316-25-TI-SG1.00-1500-B3-FL-02-ISFS-300-NF-IMP-96.0V-FL-05-FL-05-EP`

FloatSense · high-temp indicator · JIS flange

`FM-SS-316-02-TI-SG0.95-J16K-B3-FL-25A-IAF-450-FS-MET-2438E-FL-05-FL-05-EP`

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