POLYSIGHT MODEL CODE

POLYSIGHT™

Issued November 2026

Codes such as IPVC-80 and HS-80 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

PS	Polysight — plastic

02 Chamber Configuration

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

03 Chamber Material

CPVC	CPVC (standard)
PVDF	PVDF — aggressive / hot corrosive service
CC	Custom / exotic — consult factory

Service temperature ceiling per material: CPVC ~93 °C, PVDF ~120 °C (service-dependent).

04 Chamber Size

02	2" (only)
SP	Special — custom only

05 Float Material

PP	Polypropylene — SG ≥ 0.59, ≤ 80 °C
PV	PVDF — SG ≥ 0.79, ≤ 100 °C
TF	PTFE — SG ≥ 0.84, ≤ 120 °C, low-pressure service — consult factory
CU	Custom / consult factory

06 Float Specific Gravity

SGX.XX	User-specified (e.g. SG1.00, SG0.85, SG0.60)

Polysight minimum SG ≥ 0.59.

07 Pressure / Flange Class

150	ANSI 150 (standard)
PN10	DIN PN10 — available on request
J5K	JIS 5K — available on request

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B POSITION REFERENCE · 08–14

08 Construction Code

IG	Industrial Grade — thermoplastic fabrication

09 Process Connection Type

FL	Flanged
FNPT	Female NPT
MNPT	Male NPT
CS	Custom

10 Process Connection Size

ANSI / NPT	01 (1") · 15 (1½") · 02 (2", standard) · 03 (3", consult factory)
CS	Custom
DIN	DN25 · DN40 · DN50 — available on request
JIS	25A · 40A · 50A — available on request

11 Indicator Configuration

IPVC-80	PVC flags, transparent PVC housing — 80 °C (standard)
IPVC-120	PVC flags, aluminum housing with scale — 120 °C
ISFS-300	Stainless steel flags, aluminum housing with scale — 300 °C (indicator rating; Polysight ceiling 120 °C)
HS-80	Hermetically sealed indicator, argon-filled, condensation / fog-proof — 80 °C
IX	No Indicator

For corrosive-fume environments, PVC-housed indicators (IPVC-80) are recommended; hermetically sealed (HS-80) for condensation, humidity, or washdown.

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. 120.0V
XXXXE	Millimetres — e.g. 2540E

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
NV	No Vent

Polysight vents are threaded (FNPT standard, MNPT). Flanged vents: consult factory.

15 Vent — Size

05	0.5" (standard)
75	0.75"
1	1"
00	No Vent

No vent = NV-00.

16 Drain — Type

M	MNPT
F	FNPT
ND	No Drain

Polysight drains are threaded (FNPT standard, MNPT). Flanged drains: consult factory.

16 Drain — Size

05	0.5" (standard)
75	0.75"
1	1"
00	No Drain

No drain = ND-00.

17 Finish

NT	Natural / as-moulded (standard)
PT	Painted

Painted finish available on CPVC for outdoor / UV service. Not available on PVDF.

18 Options (stackable)

MLT	LevelSync™ magnetostrictive level transmitter
PLS-1 to PLS-8	SurePoint™ clamp-on switches, Qty 1–8
INTSGX.XX	Interface service — second liquid SG (specify, e.g. INTSG0.85)
X	Custom Options

C SAMPLE CODES

SAMPLE CONFIGURATIONS

Acid tank · CPVC chamber · PTFE float

`PS-SS-CPVC-02-TF-SG1.15-150-IG-FL-01-IPVC-120-NF-IMP-120.0V-F-05-F-05-NT`

Water treatment · PTFE float · sealed indicator

`PS-TB-CPVC-02-TF-SG1.00-150-IG-FNPT-01-HS-80-NF-IMP-96.0V-F-05-F-05-NT`

OEM skid · PVDF chamber · DIN flange · no vent / drain

`PS-SS-PVDF-02-PV-SG1.20-PN10-IG-FL-DN25-IPVC-80-NF-PER-48.0V-NV-00-ND-00-NT`

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