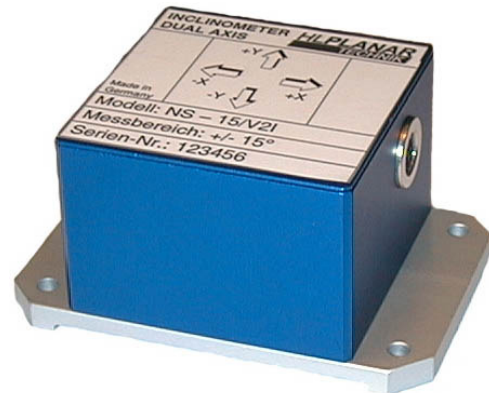


# NS-V Series Inclinometer

Single or Dual Axis Inclinometer  
Measurement Range  
 $\pm 5^\circ$  up to  $\pm 45^\circ$   
Voltage or Current Output Signal



The **V-Series** of conductive single or dual axis inclinometers offers a modern electronic in an environmentally protected and robust aluminium anodizing housing. This fully calibrated inclinometer is available with an analogue voltage output signals or current output signal. They have a compact study design and show large range of applications are possible.

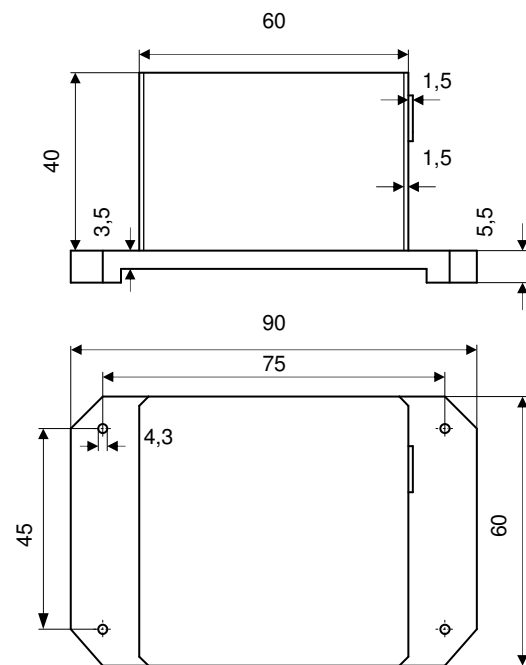
## FEATURES

- Robust AL-Housing
- High Resolution
- Protection Class IP 65
- Rugged 7 Pins Male M8 Connector
- Easy to Mounted

## APPLICATIONS

- Mobile and Stationary Cranes
- Building Control
- Road Construction Machines
- Weighing Systems
- Platform Leveling

## dimensions [mm]



# NS-V Series Inclinometer

## performance specifications

### PARAMETERS

	Conditions	Min	Type	Max	Unit
Measurement range		-5(-45)		+5(+45)	°
Resolution		0.001		0.01	°
Accuracy	0°C ...+70°C	0.1		0.5	°
Zero point temperature stability	0°C ...+50°C		0.1		°
Sensitivity temperatur stability	0°C ...+50°C		0.3		°
Analogue voltage output signal (1)	Ratiometric	-2		+2	V
Analogue current output signal (2)		4		20	mA
Current consumption		9		30	mA
Power supply		12		24	VDC
Operating temperature range		0		+70	°C
Storage temperature range		-40		+85	°C
Weight		300		320	g
Dimensions	W x D x H		90 x 60 x 45.5		mm

(1) for NS-xx/V,NS-xx/V2 version

(2) for NS-xx/VI,NS-xx/V2I version

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## ordering info

PART NUMBERING	UNIT	SHORT DESCRIPTION
G-NSV2-001	NS- 5/V2	dual axis,range +/- 5°,Vcc 12...24VDC,output V
G-NSV2I-001	NS- 5/V2I	dual axis,range +/- 5°,Vcc 12...24VDC,output I
G-NSV2-003	NS-15/V2	dual axis,range +/-15°,Vcc 12...24VDC,output V
G-NSV2I-003	NS-15/V2I	dual axis,range +/-15°,Vcc 12...24VDC,output I
G-NSV2-006	NS-45/V2	dual axis,range +/-45°,Vcc 12...24VDC,output V
G-NSV2I-006	NS-45/V2I	dual axis,range +/-45°,Vcc 12...24VDC,output I
Single axis units on request		
G-NSMIS-002	connection	2m cable, one sided straight connector Submin.712-series
G-NSMIS-003	connection	2m cable, one sided angle connector Submin.712-series