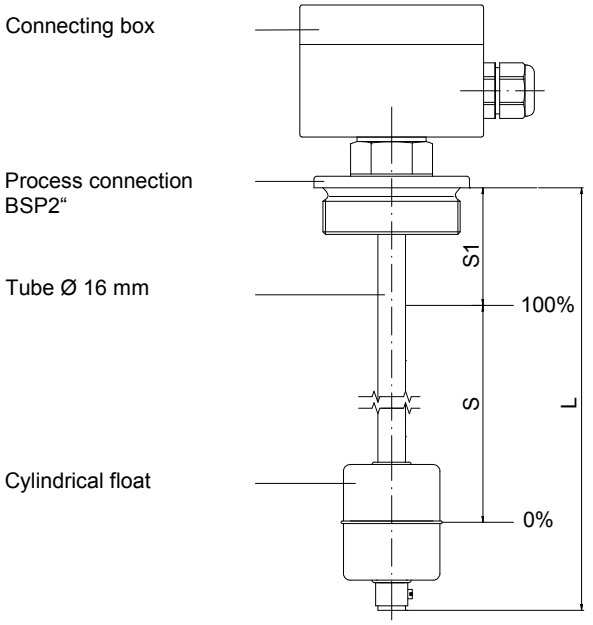
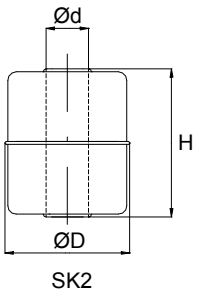
MG 05 Data Sheet
Level sensor in polypropylene with connecting box

MG 05

Dimensions





Float type	Dimensions			Max. operating pressure (MPa)	Max. operating temperature (℃)	Medium density kg/m^3	Material
	Ø D (mm)	Ø d (mm)	H (mm)				
SK2 Cylindrical float	55	18,5	55	0,3	80	≥ 500	PP

Technical data

Supply voltage	12 – 32 V DC	**Protection**	IP66
Output	4 – 20mA or resistance signal proportional to level	**Accuracy**	12 mm
		Tube length L	Standard: up to 1500 mm, > 1500 mm on request
Max. pressure	0.3 MPa		
Temperature	-10℃ to +80℃	**Process connection**	Standard: BSP2“, other types on request
Connecting box	Polycarbonate 80 x 82 x 55 mm		
	Polyester 75 x 80 x 75 mm	**Material**	PP, other materials e.g. PVDF on request
Medium density	≥ 500 kg/m³		

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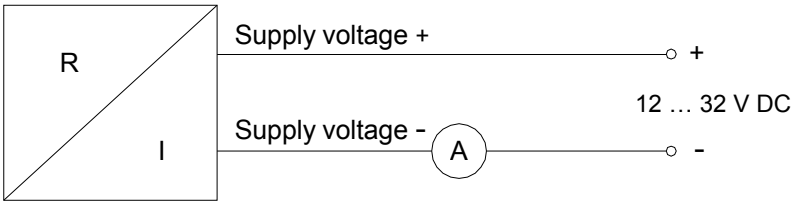
Electrical connection



Product overview / Order table

MG 05

Connecting box
A Polycarbonate case 80 x 82 x 55 mm, IP66
B Polyester case 75 x 80 x 75 mm, IP66

Process connections (installation: vertical, ± 30°)
B Fixing screw thread BSP2", in PP
X Other types on request

Tube length L (see dimensioned diagram)
Tube in PP, ∅ 16 mm
Tube length from sealing face of process connection
Tube length L ≤ 1500 mm; L > 1500 mm on request
Dimensions in mm

Float types
A SK2 (cylindrical float ∅ 55 in PP)
X Other types on request

Optional two-wire transducer ZM1 (integrated in the connecting box)
O Without two-wire transducer
Z With two-wire transducer, 4 - 20mA (see brochure ZM1)

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S1=	

100 % marker S1 = distance from sealing face to centre of float

Order instruction: 100% marker S1 in mm