

**Technical data**

process connection	G3/8" connection nut, spring-loaded
measuring range	-50°C...+200°C
outer diameter tube D	3 mm
material casing	1.4301/1.4305/1.4404
protection category	IP67 according to DIN EN 60529
protection class	III
transducer - precision	max. ±0,2% from final value
transducer - supply voltage	15V...32V (DC)
transducer - working resistance	max 200Ω at 15V, max 600Ω at 24V, max 900Ω at 32V
response time	T05=1,5sec/ T09=3,5sec *1

**ambient conditions**

max. temperature load of electronics and connector	85°C
storage temperature	+5°C...+70°C

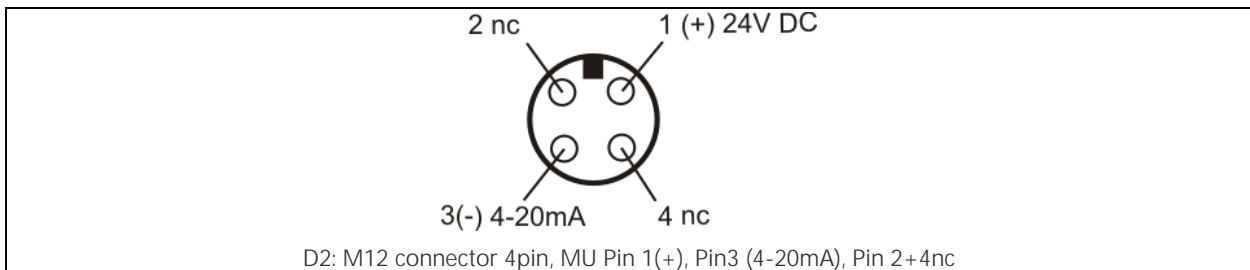
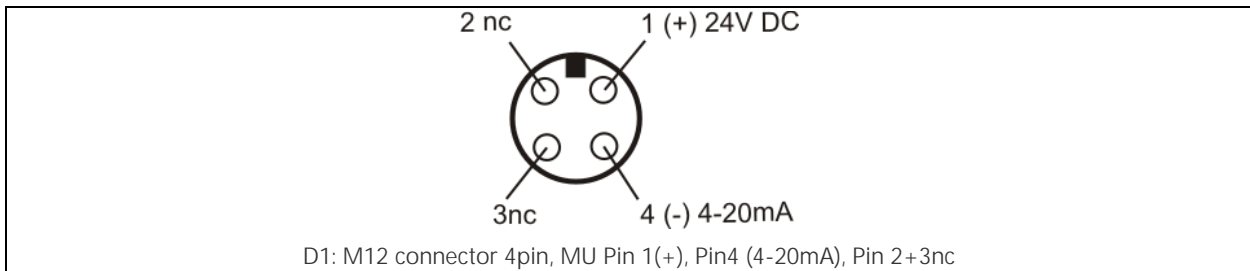
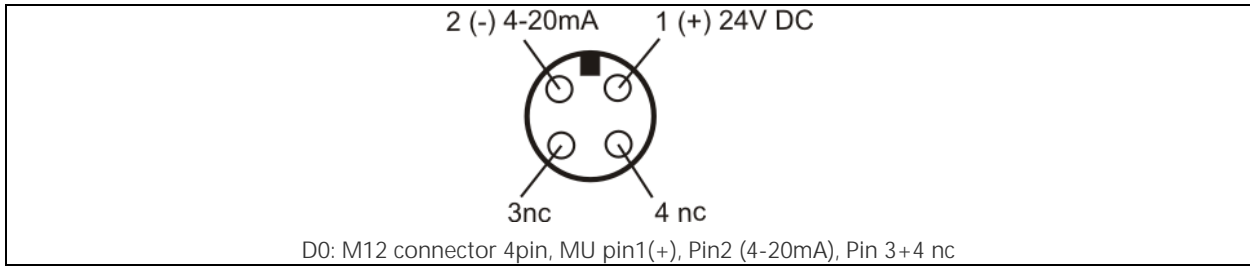
**Miscellaneous**

labelling	by engraving of housing, "batch-no"
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**Type key configuration**

Pos.:	Physical characteristics	Key	Characteristic
1	installation length "EL"	A0	83mm ±1mm
		A1	114mm ±1mm
		A2	68mm ±1mm
2	sensorelement-type	B0	Pt100, tolerance class A according to DIN EN 60751
		B1	Pt100, tolerance class AA according to DIN EN 60751
3	transducer set to range	C0	4...20 mA, 0...100°C
		C1	4...20 mA, 0...150°C
		C2	4...20 mA, 0...200°C
4	sensor connection	D0	M12 connector 4pin, MU pin1(+), Pin2 (4-20mA), Pin 3+4 nc
		D1	M12 connector 4pin, MU Pin 1(+), Pin4 (4-20mA), Pin 2+3nc
		D2	M12 connector 4pin, MU Pin 1(+), Pin3 (4-20mA), Pin 2+4nc

Pos.:	Physical characteristics	Key	Characteristic
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**Existing configurations**

Type	Order number	Item number	Old order number
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**Remarks**

\*1 measured in water 70°C, 0,04m/sec

We reserve the right to make technical modifications and correction at any time without prior notice!  
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**Revision**

Version	Effective from	Comment
1.1	07.07.2016 14:55:33	C2
1.0	14.05.2014 10:22:48	Typenblatt angelegt