

For sensor types: SK, DK, SW 2.x, SW 4.x, SW 5.x, SW 6.x
Technical data of integrated amplifiers

Max. power consumption 40 mA
 Measuring rate 1000 (optional 30...2000Hz)
 Rev. polarity protection available (except for MA with RS 485 interface)

Measuring amplifier type	Output signal	Supply	Load	Resolution
MA with 3-conductor current output *	1...9 mA 4...20 mA 12 ± 8 mA	10...30 V	$< (U_+ - 6V) / I_{max}$	11 bit
MA with 2-conductor current output *	4...20 mA 12 ± 8 mA	10...30 V	$< (U_+ - 8V) / I_{max}$	11 bit
MA with voltage output	0...5 V *	6...30 V	> 2000 Ω	11 bit
	0...10 V *	11...30 V		
	5 ± 5 V *	12...30 V		
MA with ratiometric voltage output *	10 - 90 % U ₊	3...5.5 V 7...13 V	> 2000 Ω	11 bit
MA with 2 switching outputs	2 x open drain	6...30 V	-	11 bit
MA with RS 485 interface * (digital)	0...32767 digits	6...40 V	-	14 bit

* available with test signal on request

For sensor types: SW 3.x, ZD1.x, ZD2.x
Technical data of integrated amplifiers

Max. power consumption 40 mA
 Measuring rate 1000 (optional 30...2000Hz)
 Rev. polarity protection available

Measuring amplifier type	Output signal	Supply	Load	Resolution
MA with 3-conductor current output *	1...9 mA 4...20 mA 12 ± 8 mA	10...30 V	$< (U_+ - 6V) / I_{max}$	11 bit
MA with 2-conductor current output *	4...20 mA 12 ± 8 mA	10...30 V	$< (U_+ - 8V) / I_{max}$	11 bit
MA with voltage output	0...5 V	6...30 V	> 2000 Ω	11 bit
	0...10 V	11...30 V		

* available with test signal on request