



Contents:

A 100 / 200 / 300 set

- 1 / 2-channels
- 1 / 2 optical receivers AE xxx
- 1 / 2 analog sensors AS xxx
- 1.5 / 6 m optical fibres

- AC mains adapter 12 V/300 mA
- Accessories
- Case
- Instruction



Optical fibre probe A 100 / A 200 / A 300 set

Sensors	Technical data	
	<p>Sensors A 100 set - alternatively Operating voltage 3 - 16 V Current consumption approx. 3 mA</p> <p>AS 100 Measuring range 10 V / 50 VDC switchable Radiated immunity >200 V/m Input resistance 100 kΩ</p> <p>AS 110 Measuring range 10 V / 1 VDC switchable Radiated immunity >100 V/m Input resistance 1 MΩ</p> <p>AS 120 Measuring range 1 V / 0.1 VDC switchable Radiated immunity >100 V/m Input resistance 1 MΩ</p>	<p>System A 100 Resolution 12 Bit Conversion rate 25 ksps Bandwidth 25 kHz Operating temperature range 0 - 70°C Fibre optic (possible up to 20 m) 1.5 m</p> <p>Receiver AE100 Operating voltage 12 - 16 V Current consumption approx. 30 mA Output voltage 0 - 10 V</p>
	<p>Sensor A 200 set Operating voltage 3 - 16 V Current consumption approx. 30 mA</p> <p>AS 200 Measuring range 10 V / 50 VDC switchable Radiated immunity >100 V/m Input resistance 100 kΩ</p>	<p>System A 200 Resolution 12 Bit Conversion rate 3 Msps Bandwidth 500 kHz Operating temperature range 0 - 70°C Fibre optic (possible up to 20 m) 1.5 m</p> <p>Receiver AE 200 Operating voltage 12 - 16 V Current consumption approx. 100 mA Output voltage 0 - 10 V</p>
	<p>Sensor A 300 set Current consumption 70 mA / 4.5 V 30 mA / 15 V</p> <p>AS 300 Measuring range ±10 VDC Radiated immunity 200 V/m Input resistance 100 kΩ</p>	<p>System A 300 Resolution 10 Bit Conversion rate 12.5 Msps Bandwidth DC - 5 MHz Operating temperature range 0 - 70°C Fibre optic (possible up to 20 m) 1.5 m Transmission factor 10 : 1</p> <p>Receiver AE 300 Operating voltage 12 V Current consumption 90 mA Output voltage ±1 V</p>