

AS 100

光学传感器 (50/10) VDC



Short description

AS100型传感器是一个小型模拟探头，在干扰过程中，无反作用地传递受试设备发出的模拟信号。使用时将其固定在受试设备的电路板上，由受试设备供电。模拟信号在传感器中通过一个串行ADC被转换为光学信号，并通过光纤传递至接收器或示波器。

Signal transmissions via a fibre optic cable do not change the testing environment of the device under test while the signals received allow the device under test's concrete functions to be controlled, meaning disturbed signals can be immediately detected.

Technical parameters

带宽	DC ... 25 kHz
采样率	125 ksps
测量范围	0 V ... 50 V / 0 V ... 10 V DC (switchable)
输入电阻	100 k Ω
抗辐射性	> 200 V/m
电源电压	3 V ... 16 V
电流输入	\approx 3 mA
尺寸 (L x W x H)	(34 x 10 x 7) mm