

S25

Optical Sensor (50 Mbps)

Short description



The sensor S25 is a digital probe for reactionless transmitting of digital signals from the device under test during burst testing. It is positioned directly onto the PC board and is powered by the device under test. The digital signal in the sensor is transformed into an optical signal and transmitted via a fibre optic cable to an receiver/ocsilloscope.

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 immediatly detected.

Technical parameters

Transmission range	DC ... 50 Mbps
Optical fibre connector	Ø 2.2 mm
Supply voltage	3 V ... 5 V
Current input	30 mA
Sizes (L x W x H)	(34 x 10 x 6) mm

S25

Optical Sensor (50 Mbps)

Application with S25 sensor

