

Check LED

FB-ABF-L-OA-K3

Item 54789



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- Reliable ON/OFF detection of up to 3 LEDs simultaneously
- Precise testing in the wavelength range from 420 nm to 1130 nm
- Easy, space-saving assembly
- Delivery includes three fibre optic cables and three receptacles for customised assembly on the UUT

Application

The LED detection unit is used for reliable detection of the on/off state of up to three LEDs simultaneously. The LED detection unit consists of three phototransistors for testing LEDs in the wavelength range from 420 nm to 1130 nm, three light guides with a length of approx. 30 cm each and three barrels for mounting on the test object side.

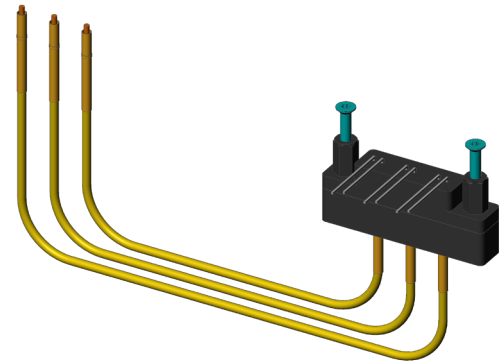
The LED detection unit can be mounted in the test fixture on the bottom as well as on the top side to save space. The switching of the phototransistors is done by customers themselves.

Note:

Insulating length of the fibre optic cable depends on the DUT

Note:

Bending radius of fibre optic cable: min. 25 mm



Note:

Mounting hole for receptacle: \varnothing 2.75 mm

Note:

Phototransistor power: 200 mW

Note:

IPCE current: > 0.08 mA

General data

Product group:	Functional units
Series:	FB-ATSMAXx
Type:	LED detection
Version:	On/off, optical 420-1130 nm
Accessory type:	Additional function
Scope of delivery:	Incl. photo transistor, LWL, KS
Width:	28 mm [1.1 in]
Height:	63 mm [2.48 in]
Weight:	0.06 kg [.132 lbs]
Min. temperature:	10 °C [50 °F]
Max. temperature:	60 °C [140 °F]
RoHS-compliant:	Yes

Compatible with

Exchangeable kits version:	No limitations
MA exchangeable kits (ATS MA):	ATS MAXx

Technical data

Connection:	Receptacle
Installation:	Thread M3
Max. voltage:	50 V
Number of poles:	3
Length:	50 mm [1.96 in]
Cable length:	300 mm [11.8 in]
Outer dimensionS (WxDxH):	28 x 50 x 63 mm [1.1 x 1.96 x 2.48 in]

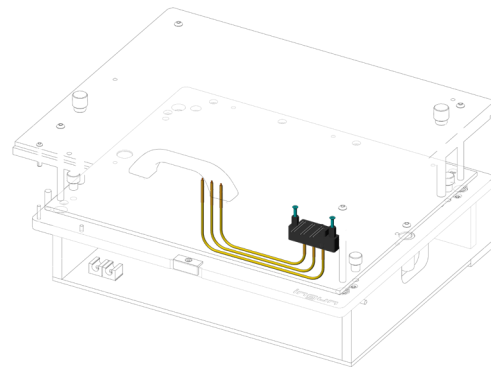
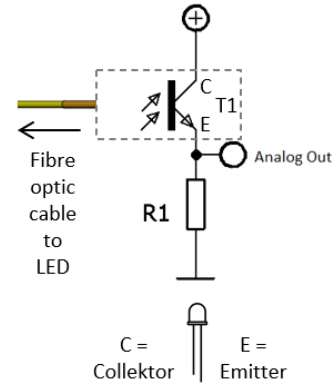
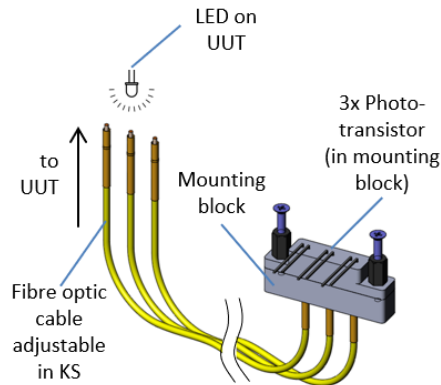
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