FKGA | Scansonic cross-hair generator

DESCRIPTION OF FUNCTION

General-purpose cross-hair module. The cross-hairs are superimposed with camera video signal.
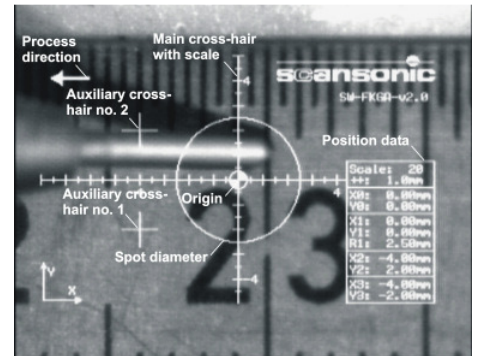
FEATURES

- Display of origin, laser spot diameter, auxiliary cross-hair, process direction and the position data
- Scaleable grid
- Measurement with cross-hairs
- All functions can be configured and displayed or hidden individually
- Module as an extension of the Scansonic media coupling (MEKO) or as a standalone version

ADVANTAGES

- Indirect measurement with the aid of the cross-hairs
- Small design
- All adjustments of the FKGA are made at process position
- No additional installation tasks necessary, because the FKGA is adapted to the Power-MEKO
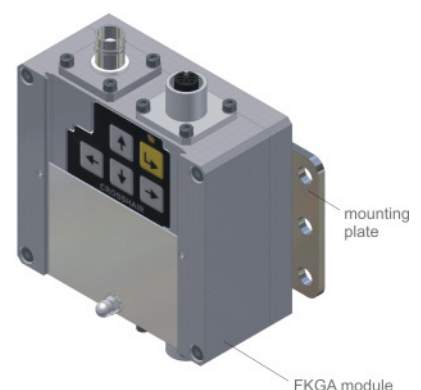- Additional portable TFT monitor can be connected directly

TECHNICAL DATA

Main features	Properties
Video signal IN	PAL (625l; 25fps; 1Vpp; 75Ω)
Video signal OUT	BAS
Power supply	24 V /1.5 A supply via the Power-MEKO or via external connection
Supply camera / TFT - monitor	24V / 12V, 1 A
Dimensions (l x w x h) in mm	with Power-Meko: 86 x 79 x 80 Version standalone: 86 x 79 x 37
Electrical design	Protection IP67 and EMC compatible
Software functions	Origin of cross-hair, scaleable main cross-hair. spot diameter, two auxiliary cross-hairs, process direction, position data

FKGA screen

FKGA module with Power-MEKO

FKGA module as standalone version, with mounting plate