DEUTA-WERKE

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DEUTA-WERKE is a pioneer in the verified, safe display and safe data entry on TFT terminals.

DEUTA, as sole provider worldwide, offers highly available, redundant Multifunctional Terminals with expert safety certificate for the SIL3 displays and SIL2 date entry.

DEUTA Trust technology offers the use of generic platforms with state-of-the-art processors for performant representations, and thus, the highest level of ergonomics and design freedom without compromising on safety.
The user retains the free choice of the operating system and the graphic tools as well as the option for upgrades from legacy software solutions.

D-ViewTrust® Monitor

Monitors with Safety Level

DEUTA – The Home of Trust-Technology:

| IconTrust® | MouseTrust® | TouchTrust® | SelectTrust® |

DEUTA-WERKE
Technology under Control

»D-ViewTrust® - safe monitors in full HD up to 24"«

The monitor with IconTrust technology
D-ViewTrust Monitors are equipped with the patented safety technology IconTrust und SelectTrust as standard.
D-ViewTrust monitors are man machine interfaces with safety level for complex control and guidance systems. The monitors visualise process data and receive the user input.

Operation is carried out via touch or mouse. The innovative technology independently monitors the display and input areas. In case of deviations, IconTrust triggers a safety-oriented response. For each individual area, in each image refresh cycle IconTrust analyses the displayed image and compares it with the value of the respective input signal.

Technical Data:
• Display size: 17" - 24"
• Resolution: 1920 x 1080
• Touch: capacitive
• Number colours: 65,536 (16 Bit)
• Interfaces:
  HDMI, Ethernet
  (PROFINET, PROFIsafe)

Areas of application
In control centres, monitoring areas or operator stations - whereever information must be shown safely, the D-ViewTrust monitor finds its place. With display sizes from 17" up to 24" and a resolution of 1920 x 1080 (Full HD) D-ViewTrust monitors offer enough place to display the safety related information.

With the DEUTA Safety Monitor, in principle, all types of input variables can be supervised which are represented as symbols, pointer instruments or bar graphs, letters, text or even as a play of colours. If required, it is possible to allow different screen representations for one and same value of the input variable (equivalent representations).

The DEUTA Safety Monitor is assessed according to the basic standard for functional safety IEC61508 and meets the requirements:
• Safe display: SIL3
• Safe input: SIL2 (optionally via touch or mouse)

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