

VISIT TO THE GERMAN INDUSTRIAL FAIR - HANNOVER

1) General Outlook

I have only visited the electrical part of the Fair in order to obtain an overall impression about the present state of the electrical engineering.

There are three points which are of general interest :

- a) The influence of new isolating materials (i.e. silicon rubber, PVC, Teflon and other fluor-carbons) on construction, shape and operation conditions of electrical products.
- b) The extended application of semiconductors in electronics. Printed circuits technique is used in many instruments. The "controlled rectifier" (thyatron on semiconductor base) will appear on the market in the near future.
- c) The increasing use of computers and the production of their basic components. The exhibition of special computers for automation purposes was remarkable.

2) Special Questions

Line Selector for beam transport

(Mr. Hugi)

The following firms are interested :

Hundt und Weber GmbH - Geisweid Kr. Siegen (Westf.)
Neuman KG, Berlin Charlottenburg 5.

Terminal strips

Cable accessories

(Mr. H. Bakker)

See catalogues of Weidmüller - Berlebeck

Cable makers : Fa. F. Wieland GmbH - Bamberg
Brennerstrasse 10-14.

A catalogue will arrive soon.

High current
couplings
(Mr. Hugi)

Suitable types under construction :
Schaltbau München 9 - Hohenwaldeckstrasse 1
Similar types available :
Otto Dunkel - Mühldorf-Oberbayern

Emergency push-
button
(Mr. Freeman /
Mr. Reitz)

Single manufacturing (specification)
Elan Schaltelemente - Kurt Mecker KG -
Düsseldorf - Oststrasse 119
Karl Jautz - Plochingen Neckar

Door-contacts
(Micro-switches)
(Mr. Freeman /
Mr. Reitz)

See catalogues of :
Burgess GmbH - Oldenburg - Kaiserstrasse 25/27
"Mikroma", Walter Bornschein - Berlin-Charlottenburg
9 - Reichsstrasse 19.
BBC Mannheim.

Transistorized Relays
(Time delay)
(Mr. Freeman /
Mr. Reitz)

See AEG leaflet 62a.

Tuchel Contacts
(Mr. Hoffman)

The chief designer, Mr. Dettmar, will give us
information about a new construction of the cable
sleeves.

Temperature Measuring
Instrument "Thermofil"
(Mr. Hoffman)

With piles or 220 V ac -
Various types - 200 ... + 450° C
Europe Vertriebs Gesellschaft -
München - Linprunstrasse 49.

Transformers complete
but without windings
(Mr. Hoffmann)

Fa. Görler - Berlin-Reinickendorf - Flottenstr. 58
is going to send us an offer about E-J-Types.

DC High-voltage source
(Mr. Georgijevic)

Dr. Buchkremer from Hochspannungsgesellschaft
Köln - Zollstock
and BBC-Mannheim - Abt Gr/N, Mr. Weyss -
requires an exact specification.

New Tektronix 100 Mc
(Dr. Hine)

3,5 μ s rise time - 10 mgs sweep
passband dc + 100 Mc

Price : Type 581)	without plug	\$ 1.375.-
" 585)	in unit	\$ 1.675.-
	plug in unit	\$ 150.-

Shipping : August 1959.

Teflon in all shapes
and sizes (extreme
high and low temperatures)
(Mr. Horisberger)

On licence from Dupont - Fa. Huth Bietigheim /
Württemb. produces gaskets, sheets, tubes, etc.

3) Miscellaneous

Transistorized Geiger
Muller counter

Type H 13 23 with piles 20 μ r/h + 200 m r/h
Herfurth - Hamburg-Altona - Beerenweg 6-8.

Universal A-V- Ω -Meter

25k Ω /V, 20kHz - 5000 V ac and dc (with
special probe 25000 V)

Manuf. P. Goertz - Wien.
Representative in Western Germany :
Metrowatt - Nürnberg.

"Oscillomink" - Siemens
Inkspraying-oscillograph

Paperspeed max. 2 m/s
1000 cps deflection 18 mm
500 " " 20 mm
150 " " 40 mm
50 " " 60 mm

Logistat-System AEG

Transistorized self-contained plug in units
eliminating contacts (Yes-No-circuits).

"Multiptex" remote control
BBC

One wire (24 channels) or wireless - remote control
very quick because each channel uses special passband.

R. Mosig

Distribution (open) :

Parameter Committee
Machine Operation Committee
Controls Group

H. von Ballmoos
H. Horisberger
E. Hugi
G. Kuhn

M. Mary
D. Neet
H. Reitz
J. Sharp