■ **Display with Parallel Interface Type T 158**

Highlights

• **Parallel Interface, 16 Bit Binary or Gray Code**
• **Parallel Interface, 20 Bit BCD Code**
• **LED Display, 4 or 6 Digit**
• **Display 14 mm in Height**
• **Input Channels PCL Compatible**
• **37-pole Flatcabel Connection DIN 41651**
• **Wide Range Power Supply**

Standard functions

Programmable by Input Signals

• BCD-, Binäry- oder Gray-Code
• Strobe
• Decimal point selection

Inputs Channels

The input channels are high activ and are availble for different input voltage levels. Not connected signal inputs are interpeted as low signal. The following voltage levels can be ordered:

• 24 V
• 12 V
•   5 V
• 48 V

Strobe input

High level at the strobe input will store the display. If a low signal is applied (or when strobe input is left open) the display is continuously updated with the actually datas at the data inputs.

Decimal Point Selection

There are 3 input channels provided for selecting the desired decimal point position.

Power supply

There is a wide range power supply built in. Power supply ground and signal common input are the same pin at the 37-pole connector.

Options

Colour of the front frame

• Black
• Grey coloured RAL 7037

Design of the front

• Without front foil
• Front foil ALU
• Front foil RAL 7032
• Front foil RAL 7035
• Unit overprint

Display colour

• Red
• Green

Specifications

Display	: 4 or 6 decades, 14 mm height
Colour	: red
Code	: BCD, BINÄRY or GRAY
Digital inputs	: PNP logic
Input level	: 5V, 12V, 24V or 48V
Input resistance	: > 10 kΩ
Conversion rate	: approx. 300 ms
Strobe signal time	: >100us
Power supply	: 15 V to 30 V DC, not isolated
Power consumption	: approx. 80 mA, 24 VDC
Housing	: panel mounting DIN 43700
Dimensions	: 96 x 48 x 107 mm
Depth	: < 125 mm incl. connector
Conection	: 37-pole D-Sub connector
Protection	: front IP 40
EMV	: EMV-conform with 89/336/EWG
Operating temperature	: 0 .. 55 °C

Ordering Information

T 158 -		
	Input Voltage Level	
	0	24 V
	1	12 V
	2	5 V
	3	48 V
	Power supply	
	0	15...30 V DC