



Code Reader

Incl. software package

for calling up welding programs via barcode in the control system of stud welding machines type MPW and TKM 2

Technical Data

Scanner type	Bidirectional
Light source	650-nm laser diode
Scan Element Frequency	50 Hz
Scan rate	100 scans/second
Print contrast	Min. 20 % reflection difference
Decode capacity	EAN 8 / EAN 13; Code 39, 2/5 i, Code 128, EAN 128 barcode
Interface	USB
Operating temperature	0 °C to 50 °C
Electrostatic discharge	20-kV air discharge, 8-kV contact discharge
Ambient light tolerance	Suitable for typical lighting conditions in artificial interior lighting and natural outdoor lighting (direct sunlight). Fluorescent lamps, incandescent lamps, mercury- and sodium-vapour lamps, LED: 4,844 lux; sunlight: 86,111 lux
Dimension L x W x H	15.2 x 6.3 x 8.4 cm (without cable)
Weight	146 g (without cable)
Software for control system	CNC-PC-104
Order No.	88-21-127

General Information

Application

- Calls up welding programs in the control system CNC-PC-104
- Suitable for typical lighting conditions in artificial interior lighting and natural outdoor lighting (direct sunlight). Fluorescent lamps, incandescent lamps, mercury- and sodium-vapour lamps, LED ⁴⁾: 4,844 lux; sunlight: 86,111 lux

⁴⁾ LED lighting with AC ripple can affect the scanning performance

Advantages

Structure

- **Robust casing made of impact-resistant plastic** – resistant against multiple falls onto concrete from a height of 1.5 m
- **Ergonomic design** – the slim, well-balanced shape of the scanner prevents fatigue and increases user comfort and productivity
- Easy connection – cable included
- Compact dimensions



Safety

- **Protruding scan protection**– the scan window is protected against scratches and, at the same time, protects the user from laser light
- Laser safety: CDRH Class II, IEC Class 2

Features

- Time savings by quickly assigning the component to the welding program – thereby allowing workflows and machine utilisation to be optimised
- Reduction in costly search times for the program via folder structures and names
- Reduction in error rate through incorrect program selection
- Optimum handling and fatigue-free work
- Retrofitting by HBS Service possible at any time

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(Technical data may change)