

97 HA35f-CA

Tools and harnessing machines



Semiautomatic harnessing machine for termination of RAST 2.5 connectors in insulation displacement technology (IDT), larger base machine, with integrated cable color detection, individual upgrading possible

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Approvals: 

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**Range of application**

|                                 |  |
|---------------------------------|--|
| Connector                       | 351..., 351...-2, 351...-4, 352..., 352...-2             |
| Pole number                     | 2-20   |
| Pitch                           | 2.5/5.0 mm   |
| State of delivery of connectors | in chain   |
| Processable conductor           | discrete conductor, pre-notched ribbon cable* 2.5/5.0 mm |

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**Features**

|                                 |   |
|---------------------------------|---|
| Application                     | middle and high-volume production   |
| Stroke capacity                 | ca. 1200/h  |
| Scope of functions and delivery | <ul style="list-style-type: none"> <li>- Automatic feeding of connectors</li> <li>- Cable screen for one range of cable diameters/sections</li> <li>- Verification of insertion pattern and line end position during manual insertion of conductors</li> <li>- Fixation of inserted discrete conductors by spring-loaded pressure pads until pressing</li> <li>- Automatic release of press action by control of line end position</li> <li>- Cable color detection 7 + 1 (station CA)</li> <li>- Storage of insertion patterns</li> <li>- Harnessing of bus cables not possible</li> </ul> |
| Options                         | <ul style="list-style-type: none"> <li>- Special press die, required for 351... with side <b>P2</b> being closed</li> <li>- Special press die, required for 3517-5 (for 1 mm printed circuit board)</li> <li>- Cable screens for additional ranges of cable diameters/sections</li> <li>- *Conversion kit for ribbon cable (cable screen, holder, test pins, support)</li> <li>- Set of test pins for 35...-2 (20 pieces)</li> </ul>  |

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**Dimensions and supply data**

|                            |                                   |
|----------------------------|-----------------------------------|
| Dimensions (H x W x D)     | 590 mm x 1320 mm x 870 mm         |
| Weight                     | ca. 125 kg                        |
| Electrical supply          | 230 V/50 Hz                       |
| Compressed air supply      | 6 bar                             |
| Compressed air consumption | 1 m <sup>3</sup> /1000 connectors |

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**Associated products**

Accessories

[HZ35-V](#)

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| Designation | Pole Number | PU (Pieces) | MDQ (Pieces) |
|-------------|-------------|-------------|--------------|
| HA35f-CA    | -           |             |              |