

# Datasheet

## **Integration Dot Pin Marker BM160x100i**



The integration dot pin marker BM160x100i marks high quality numbers, letters, company logos, 2D codes and special characters in steel, non-ferrous metal or plastic.

Marking head for depth marking and ideal for integration systems thanks to the patented **Differential System** and the associated, small design!

The intuitive menu navigation of the control has a complete numeric and letter keyboard and is designed for manual and integration operation. No additional PC is required.

## GENERAL DESCRIPTION OF THE MARKING HEAD

### Short specification Integration Dot Pin Marker BM160x100i

Weight	7.5 kg
Marking speed	max. 8 character/s
Air pressure [working pressure]	max. 6 bar
Character heights	1 – 20 mm
Marking area [axes X, Y]	155 x 95 mm
Cable length [standard]	3.5 m [optional 30 m]
Marking needle = 64HRC	regrindable
Marking depth in steel	max. 0.4 – 0.6 mm
Dimensions [W x H x D]	262 x 150 x 186.5 mm

### Interchangeable pneumatic cylinders

Marking depth approx. 0.4 – 0.6 mm	ca. 0.4 – 0.6 mm: Type N14, N20 / approx. 0.6 – 0.8 mm: Type N34
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**NOTE:**

At the customer's request, the marking unit can be used at no extra charge be equipped with an electromagnetic marking cylinder.

## GENERAL DESCRIPTION OF THE CONTROLLER BM570

### Short specification Controller BM570

Weight	7 kg
Character processing	Vector oriented
Fonts	DIN 1451, Arial, 5x7, 2D-Code
Archiving	USB
Connection to PC or SPS	RS-232, Profibus, Ethernet, Profinet
Keyboard	intern, extern [optional]
Marking type	straight, circular arc, concave a.s.o.

For a free, non-binding demonstration in your at home, we are at your disposal.

You can find more dot-pin and scratch markers with marking speeds of up to 12 characters per second and penetration depths of up to 0.8 mm at [butzbach-marking.de](http://butzbach-marking.de) or give us a call. We are happy to help!

