DIGITAL PRINTING ON ENCLOSURES

OKW
GEHÄUSE
SYSTEME

DIGITAL PRINTING

The digital printing process allows the printing of enclosures with flat surfaces and with printed areas that do not exceed
a maximum height difference of 1.5 mm, as well as panels and display windows.
The print resolution is 1440 × 1200 dpi.
Maximum enclosure size: 600 × 400 × 240.
Maximum load bearing capacity of the machine bed: 5 kg

DIGITAL PRINTING COLOURS

In digital printing, colours are created by overlaying tiny dots of the four primary colours
Cyan, **M**agenta, **Y**ellow and **K**ey (black) – **CMYK**
The printing inks can be adjusted to match RAL Classic or Pantone (Formula Guide) colour specifications.

Colour deviations of ΔE = 2,5 are possible.

ADVANTAGES

- Multiple colours can be printed in a single process, colour gradients are possible.
- Apart from the print file, no other printing templates, such as films, screens or blocks, are required.
- It may be possible to print several enclosures in one printing operation.
- This requires a multi-part device (special fixture costs apply).

PARTICULARLY SUITABLE FOR

- Multicolour printing (height difference of the printable surface < 1.5 mm), colour gradients, sequential numbering, barcodes and QR codes.
- Transparent display windows can be printed to be light-proof.
- Materials suitable for printing include plastics such as ABS, PC, ASA, ASA+PC, aluminium and glass.

NOT SUITABLE FOR

- Enclosures with uneven or curved surfaces with a height difference exceeding 1.5 mm.
- Special colours such as metallic colours, glossy colours, fluorescent colours and photoluminescent colours cannot be printed using the digital printing process.

1

DIGITAL PRINTING ON ENCLOSURES

OKW
GEHÄUSE
SYSTEME

FONT SIZE, LINE WIDTH, SPACING

The minimum font size of 1.5 mm, the minimum line thickness of 0.25 mm, and the minimum spacing between lines of 0.5 mm that are not to be printed next to each other should not be exceeded.

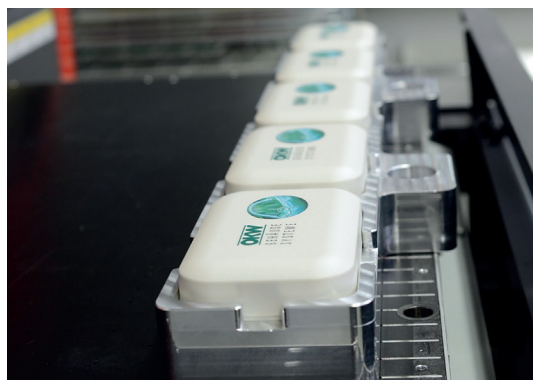## WHAT INFORMATION DO WE REQUIRE AT THE INQUIRY STAGE?

At least a detailed description of the desired lettering, number of colours required, a dimensional sketch or PDF drawing indicating the position and size of the lettering (length, width, Ø).

WHAT INFORMATION DO WE REQUIRE AT THE ORDER STAGE?

We require the print file as a vector graphic (not a raster graphic) on a scale of 1:1, preferably as a .cdr, .eps or .dxf file.

It must be possible to edit all contents of the file.

CMYK colour specifications, alternatively RAL Classic or Pantone (Formular Guide).

VECTOR GRAPHIC   RASTER GRAPHIC

2