

Code 128

Table of contents

1 Example.....	2
2 Structure.....	2
3 Notes.....	2
4 Message format.....	2

see also: [UCC/EAN-128](#), [GS1-128](#)

1. Example

Example Code 128 symbol

2. Structure

The configuration for the default implementation is:

```
<barcode>
  <code128>
    <height>{length:15mm}</height>
    <module-width>{length:0.21mm}</module-width>
    <quiet-zone enabled="{boolean:true}">{length:10mw}</quiet-zone>
    <human-readable>
      <placement>{human-readable-placement:bottom}</placement>
      <font-name>{font-name:Helvetica}</font-name>
      <font-size>{length:8pt}</font-size>
    </human-readable>
  </code128>
</barcode>
```

3. Notes

- The height should be at least 0.15 times the barcode's length or 0.25 inches.

4. Message format

- Valid characters: The full 7 bit ASCII (US-ASCII) character set is supported
- Functions 1 to 4 may be used. They are encoded as ASCII characters 0xF1 (241), 0xF2 (242), 0xF3 (243) and 0xF4 (244) in the message.