

1.1. PR-data files

The file extension of this file protocol is `.pr`.
The file is an ASCII data file with a header of two lines.
Each line is terminated by a carriage return, (`<cr>`), and line feed, (`<lf>`). This is MSDOS typically.

The file contains a fixed header of two lines including the following information:

The file identifier.
The measuring length
The resolution of the data points.
The number of data points in the profile.

The first line of the header:
Profil `<space><profile name><cr><lf>`

The second line of the header:
`X-Maß<space>=<space><measuring length in mm><space>X-Auflösung<space><number of points/measuring length in mm><space>Punkte/Zeile<space><number of points><cr><lf>`

An example of the file:

```
Profil 100112
X-Maá = 1.750000 X-Auff"sung 6666.285714 Punkte/Zeile : 11666
-3.738000
-1.869000
0.623000
3.738000
3.738000
3.738000
1.246000
2.492000
6.230000
9.968000
12.460000
13.083000
11.837000
11.214000
8.099000
8.099000
11.214000
13.083000
15.575000
14.952000
14.329000
13.083000
13.706000
14.952000
```