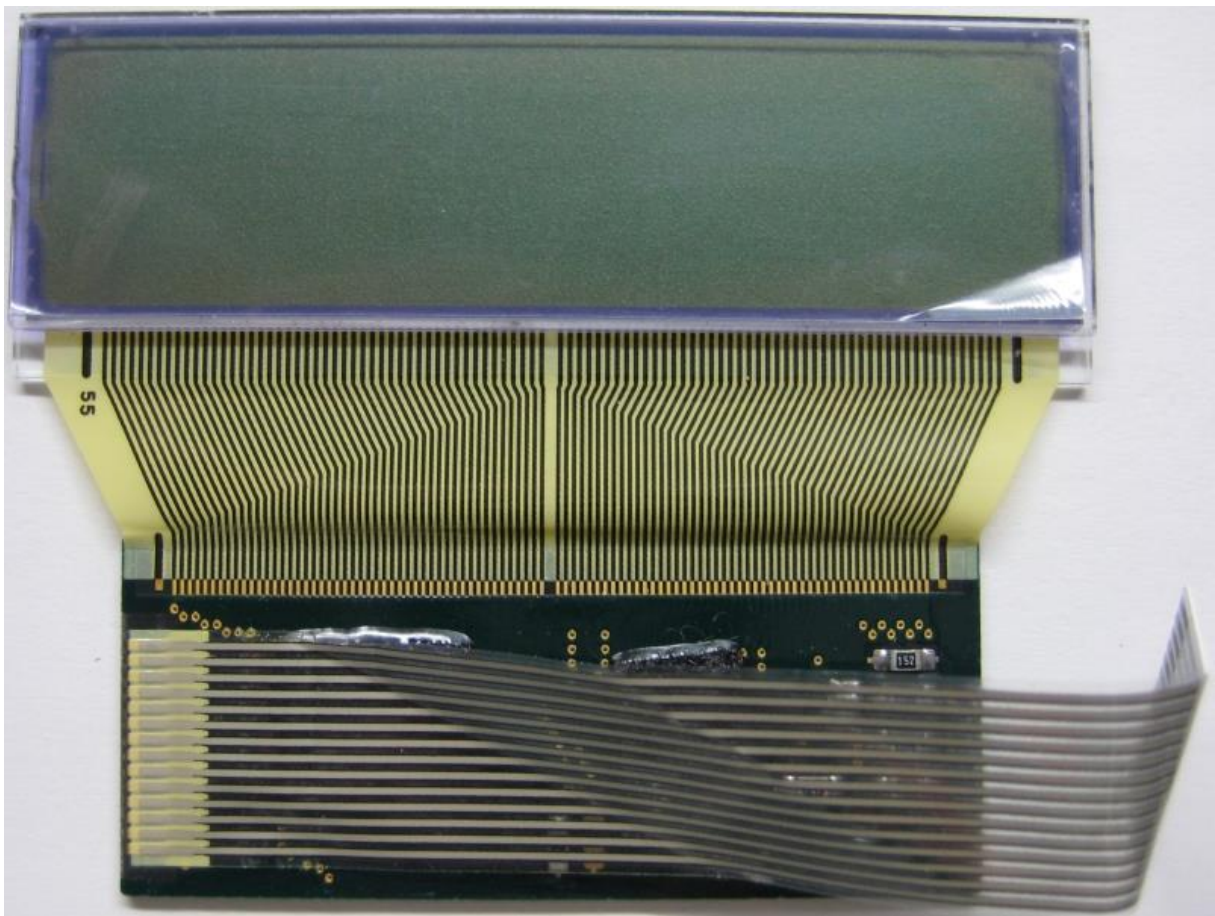


??? **DM052Z** IBI.R6HB

Dräger \*6405112\*



## Disclaimer

This documentation based on try & error and should never be treated as official documentation. There is no guarantee that information listed in this document is complete and there is no warranty about correctness of the information. The documentation is distributed as it is, no warranty implied or otherwise is given. The author is not liable for any loss or damage of data or hardware and other things caused by use of this documentation.

If there are any errors or more commands/information for this display, feel free to inform me and I will update this documentation. Please note that this documentation can be used for free but is **not** released as public domain.

Revision: 1.0 (2016-04-02)

Urheber nach § 7 UrhG/© by Muetze1 ([info@muetze1.de](mailto:info@muetze1.de))

[www.muetze1.de](http://www.muetze1.de)

## Mechanical Properties

Rows x Columns	2 x 16
Char Set	5 x 7 dots
Special Features	Controller/LC flexible connection
Character size	3 x 5 mm
Module size (LC)	70 x 24 mm
Module size (Controller)	55 x 23 mm

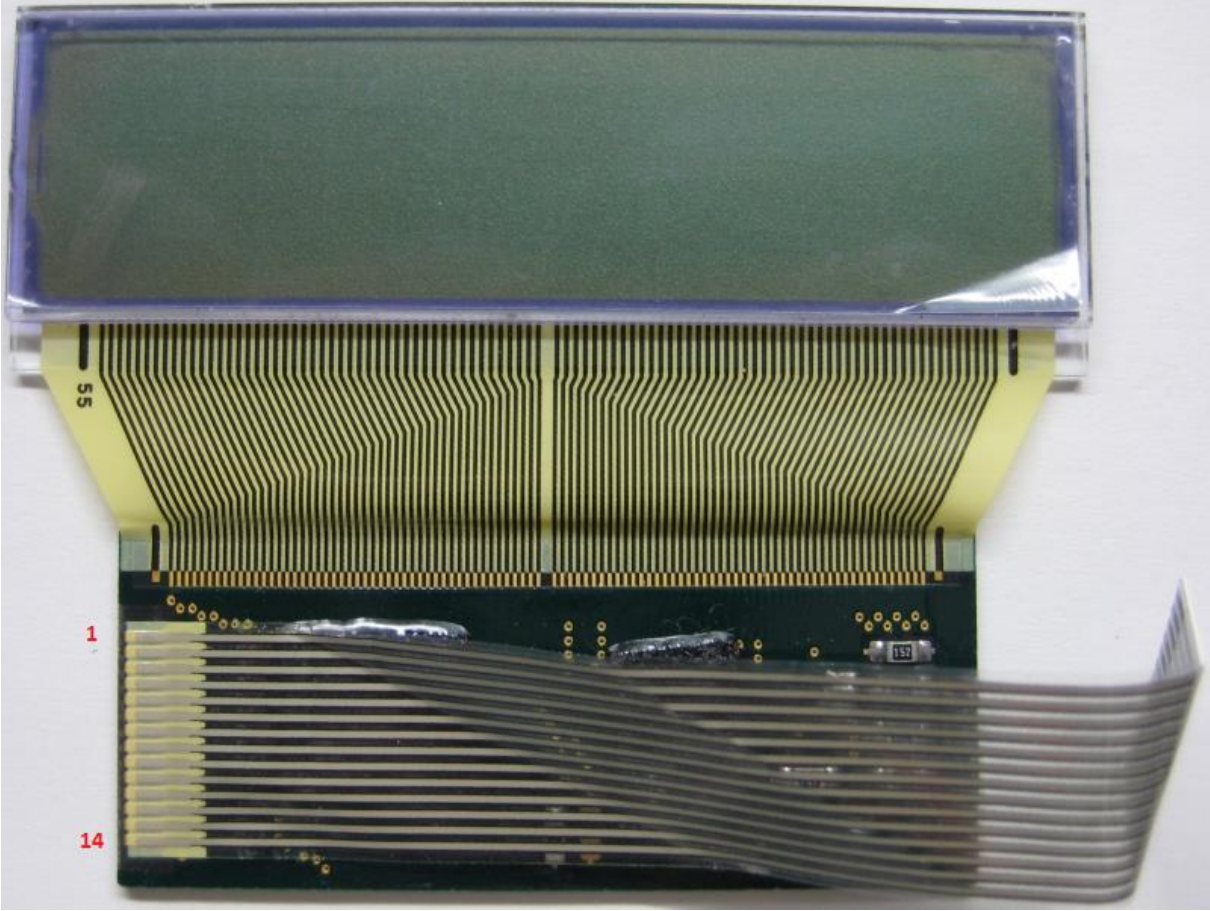
## Electrical Properties

Supply voltage	5 V DC
Supply current	700 $\mu$ A (measured: 200 $\mu$ A, 550 $\mu$ A (max))
Interfaces	parallel, 4 or 8 bit mode

## Protocol Properties

Standard Hitachi HD44780 controller (or compatible).

# Interface



**Connector**, 14-pin FPC/FFC connector, 1 mm pitch

Pin	Signal	Description
1	Vcc	5 V
2	Vo	Contrast
3	RS	Register Select signal
4	R/W	Read/write signal
5	E	Enable signal
6	DB0	data bit 0
7	DB1	data bit 1
8	DB2	data bit 2
9	DB3	data bit 3
10	DB4	data bit 4
11	DB5	data bit 5
12	DB6	data bit 6
13	DB7	data bit 7
14	Gnd	Ground

Example

