



### Device Description:

ATX457 display module provides displaying information in graphic mode on the LCD display with a resolution 128x128 pixels and highlighting. The module has independent certificate from certification body that confirms meeting the requirements of ATEX Directive, what allows the module to be used in any hardware configuration. The construction of the module meets the requirements of IEC61131 norm in range of standarization of functional and operational features and programming process. To keep appropriate intrinsically safe feature the module should be placed in a casing providing at least IP54 protection degree and meeting the requirements of EN 60079-11:2012 norm.

## Technical characteristics:

ATEX certificate number	FTZÚ 13 ATEX 0081X
<b>Supply parameters:</b>	
Supply voltage $U_N$	6,5 ÷ 15 V
Maximum supply voltage $U_I$	15,8 V
Maximum supply current $I_I$	2,73 A
Maximum current draw from battery $I_{AK}$	
with highlighting turned on	< 50 mA
with highlighting turned off	< 30 mA
Resolution of display	128x128 pixels
<b>Normal working conditions:</b>	
Casing type	I M1 Ex ia I Ma (module placed in device with IP54 casing protection degree and meeting the requirements of EN 60079-11:2012 norm)
Working temperature range	0 ÷ 60 °C