

## Features

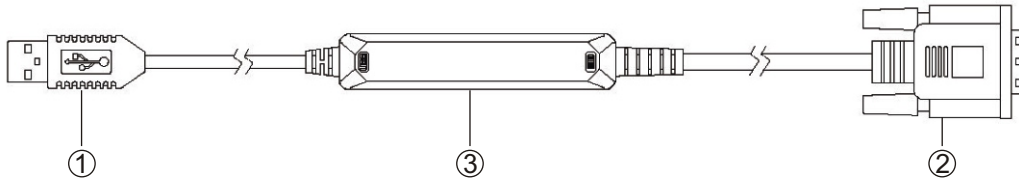
The USB convertercable has a built-in RS232 interface accessible via D-SUB 9 male connector communicates between any USB compliant host system and AMENS HMI equipped with built-in RS232 interface.



## Specifications :

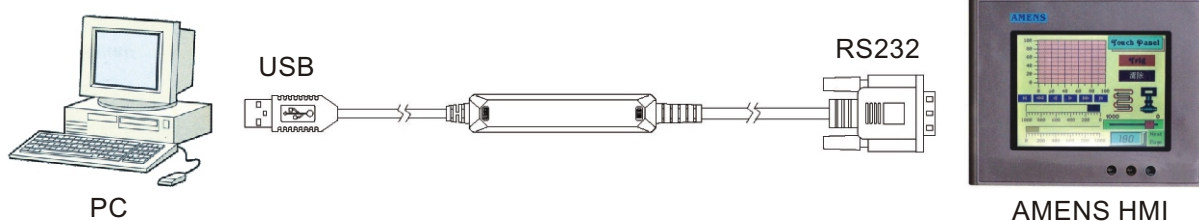
- Operating temperature range: 5 to 40
- Storage temperature: -20 to +70
- Total cable length: 2 meters
- USB version: version 1.1
- Optical isolation: no
- Serial interface RS-232, D-SUB 9 male plug compatible with AMENS H.M.I com1
- Max current: 120mA at 5VDC
- Max humidity: 85%

## Hardware design of the USB-Convertercable :



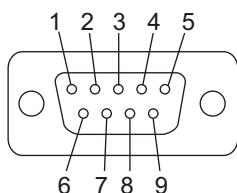
- ① USB interface
- ② D-SUB 09M (RS-232) interface
- ③ Converter

## Connecting System:



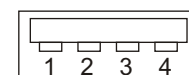
## Connection :

### D-SUB 09M (RS232) interface



Pin	Name	Description
1	None	Positive RX (RS-232)
2	None	Positive TX (RS-232)
3	RX	
4	TX	
5	None	Ground
6	GND	
7	None	
8	None	
9	None	

## USB interface :



Pin	Name	Description
1	VCC	+5V
2	D-	Data-
3	D+	Data+
4	GND	Ground