



- Reliable, bidirectional conversion from USB to RS485
- LED status displays
- Not very susceptible to interference
- Extended temperature range -40 to +75 °C
- Power supply via USB port

A6

WebCode 9787A






The USB RS485 converter for Zone 2 is designed to convert USB data into serial data for the RS485 bus. The USB RS485 converter is intended for installation in Zone 2 and can be used for various applications. RS485 is a widespread fieldbus often used for service purposes. Since computers and other devices very rarely have an RS485 interface but frequently have USB ports, the missing interface can be produced with this device.

	ATEX / IECEx					
Zone	0	1	2	20	21	22
Ex interface			•			
Installation in			•			•

Selection Table				
Product Description	Networking technology USB RS485 converter For Zone 2			
Number of USB ports	Number of RS485 ports	Product Type	Art. No.	Weight kg
1	1	9787/15-11-11	266011	0.170

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex ec IIC T4 Gc
ATEX gas explosion protection	Ⓔ II 3 G Ex ec IIC T4 Gc
Certificates	ATEX (TUR), IECEx (TUR)
Electrical Data	
USB connection	Type B socket X2, 5-pole
RS485 connection	D-SUB DE-9 socket X1, 9-pole
Data rate RS	max. 1.5 Mbit/s
Auxiliary Power	
Power supply connection	Via USB port
Auxiliary power nominal voltage	5 V DC (4.5 ... 5.5 V)
Max. power consumption	250 mW
Current consumption	50 mA
Max. power dissipation outputs	150 mW
Mechanical Data	
Degree of protection IP (IEC 60529)	IP30
Width	17.6 mm

Depth	114.5 mm
Length	111.1 mm

Accessories				
Figure	Description	Art. No.	Weight kg	
USB cable Type A to Type B				
	Cable type: USB 2 5-pole with shielding Colour (sheath): black Connector plug USB A to USB B; Length: 3000 mm	266833	0.090	
Cable for PROFIBUS DP, RS485				
	Cable type: BUS 4000-C-PVC 2x0,64mm 02YS(St) CY Colour (sheath): violet Application area: Indoor Standard type for indoor installation	105438	0.300	
Cable for PROFIBUS DP, RS 485, RS485-IS				
	Cable type: BUS 4000-C-PE 2x0,64mm 02YS(St) CY2Y Colour (sheath): black Application area: Outdoor Installation outdoors and directly in the ground, UV-resistant	105444	0.300	
Cable for PROFIBUS DP, RS485				
	Cable type: 02YS(St) CHSH Colour (sheath): violet Application area: Offshore Halogen-free, steel wire braid armoured cable	209430	-	
Sub-D plug + PG interface				
	9-pin for connection of the fieldbus or ServiceBus to the CPU & power module Series 9440/15 and fieldbus-isolating repeater 9185. Integrated terminator can be switched on or off. For non-intrinsically safe RS-485.	105715 ▲	0.001	

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

