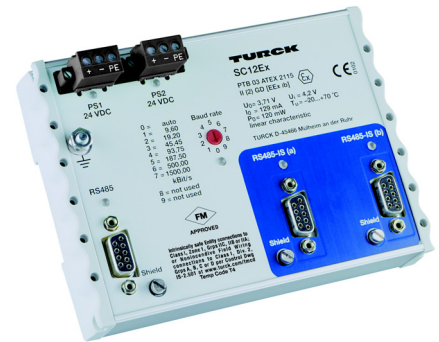
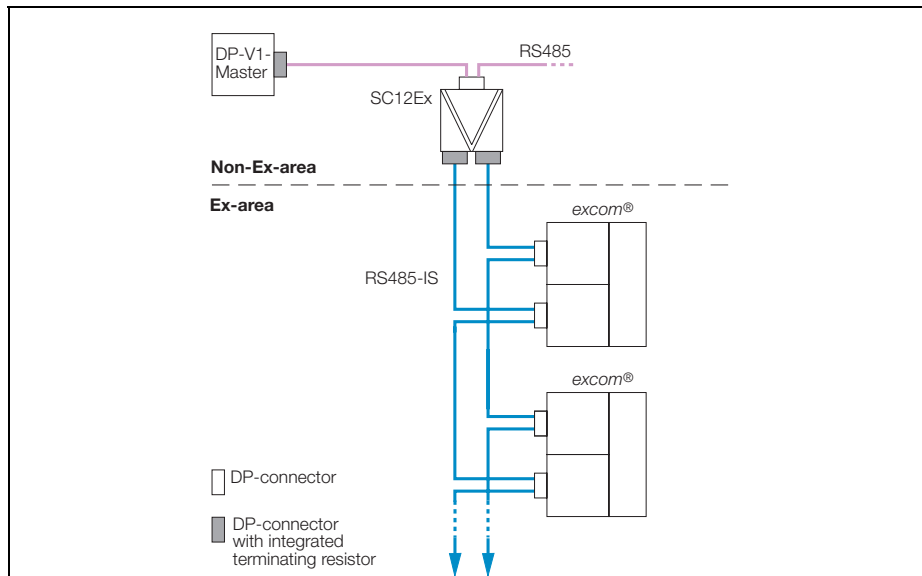


remote I/O system excom®
PROFIBUS-DP segment coupler
SC12Ex



- device for intrinsically safe separation of RS485 and RS485-IS
- up to 62 bus nodes connectable (31 in the redundant operation mode)
- redundant power supply

remote I/O system excom® PROFIBUS-DP segment coupler SC12Ex

Type	SC12Ex
Ident-No.	6884047
Test voltage	complete galvanic isolation acc. to EN 50020
Number of channels	2-channel
Ex approval acc. to conformity certificate	PTB 03 ATEX 2115
Device designation	II (2) GD [EEx ib] IIC
Max. values:	RS485-IS Sub-D connection
Max. output voltage U_o	3.71 V
Max. output current I_o	129 mA
Max. output power P_o	120 mW
Characteristic	Linear
Max. input voltage U_i	4.2 V
Operational readiness	2 x green
State/ Fault	3 x yellow / red
Degree of protection	IP20
Ambient temperature	-20 ... + 70 °C
Relative humidity	95% at 55 °C acc. to EN 60069-2
Vibration test	according to IEC 68-2-6
Shock test	according to IEC 68-2-27
Dimensions	142 x 105.5 x 31 mm
Weight	488 g

Dimensions

