



## Flexible and Longer PROFIBUS Installations

**With Murrelektronik's PROFIBUS-DP Repeater, you can create flexible PROFIBUS installations that cover longer distances. They enable greater dimensions with bus installations, can connect more stations and create star topologies.**

Generally, PROFIBUS installations can connect up to 32 stations. If additional stations need to be integrated into the installation, repeaters have to be used for segmentation. Another 32 stations can be connected to each additional segment. The Baud rate is decisive for the maximum cable length in a Profibus segment. The repeater regenerates the incoming bus signal and sends the refreshed signal to the other segments to enable the communication with more distant components.

Murrelektronik's PROFIBUS repeaters are small and compact. They feature IP67 protection and can be installed in the harsh environment of machines and installations without requiring any additional protection. Pluggable connections ensure simple and safe installations. If necessary, bus segments can be separated without influencing the communication of the rest of the bus installation.

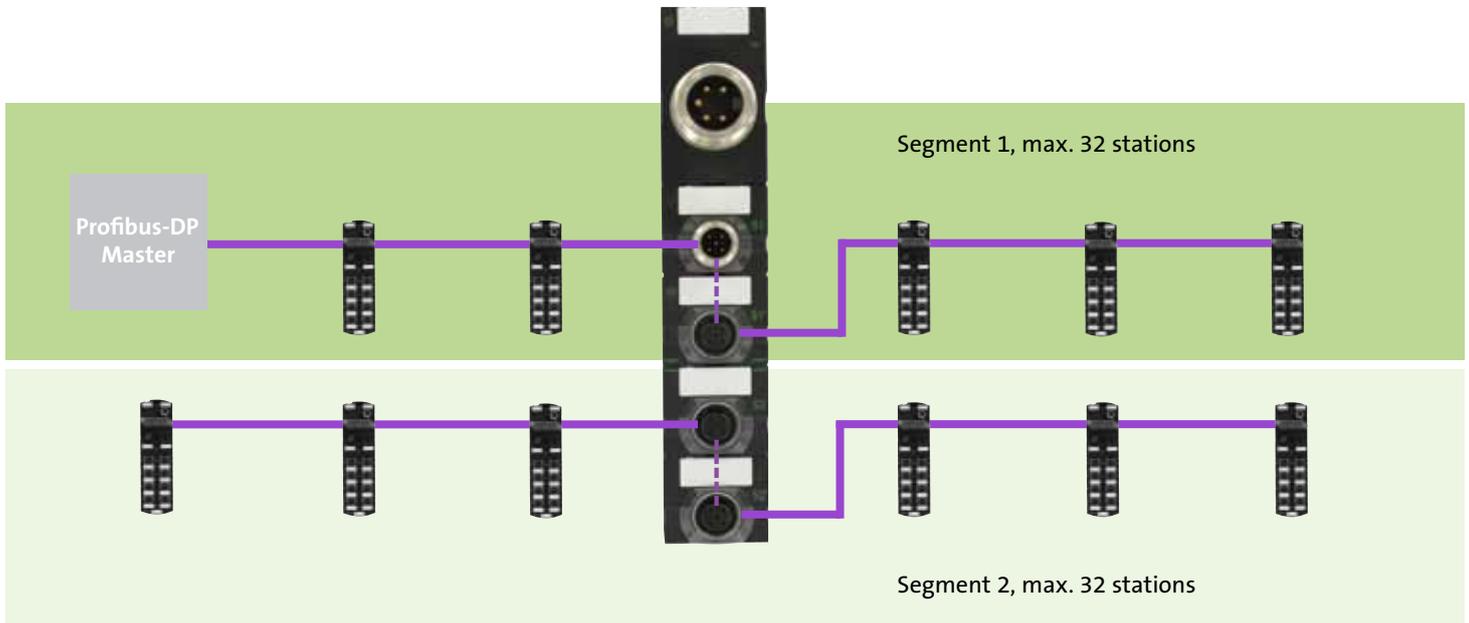
The two or three galvanically separated PROFIBUS repeater segments increase the operational reliability of machines and installations with their signal amplification. By using Murrelektronik's PROFIBUS repeaters, you can create installations different from the standard PROFIBUS line structure. You can create stub, star and tree structures. This allows for more flexibility in machine installations.



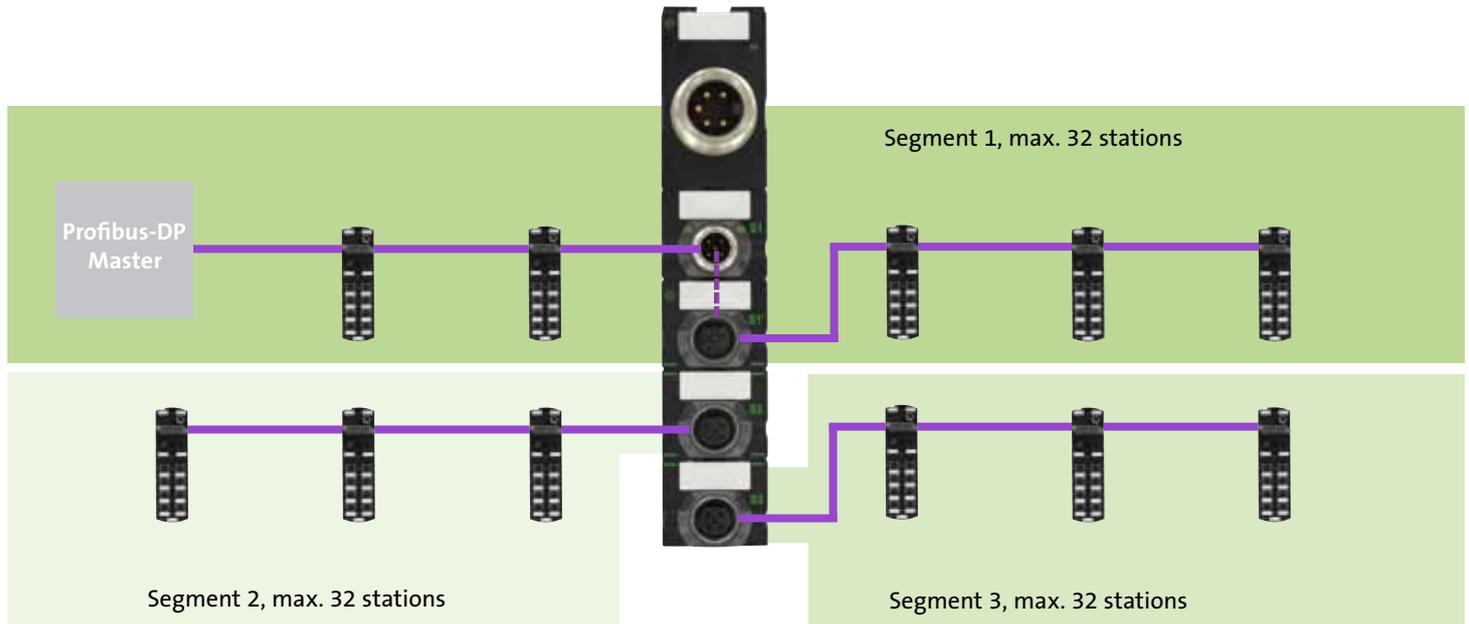
### YOUR BENEFITS

- Automatic Baud rate detection
- Two or three galvanically separated PROFIBUS segments
- Compact dimensions and robust design
- Pluggable connections

## Application Example MPR67+ Art. No. 56960 (2 segments)



## Application Example MPR67+ Art. No. 56965 (3 segments)



Ordering data		Art. No. 56960	Art. No. 56965
<b>General data</b>			
Operating voltage	24 V DC (18...30.2 V), acc. to EN 61131-2		
Current consumption	approx. 80 mA		
Transfer protocol	Profibus DPV0 and DPV1		
Baud rate	up to 12 MBit/s		
Baud rate detection	automatically		
PROFIBUS segments	2	3	
Dimensions	H x W x D	36x151x30 mm	