



HARTING PushPull USB System cables

PushPull

## Advantages

- HARTING PushPull technology
- Compact, space-saving design for the device integration of USB jacks
- USB 2.0 and 3.0 compatible
- Fully shielded, 360° shielding contact
- Robust design, suitable for industrial applications

## Technical characteristics

|                      |   |
|----------------------|---|
| Mating face          | USB 2.0 type B and USB 2.0 / 3.0 type A |
| Number of contacts   | USB 2.0: 4 and USB 3.0: 9               |
| Degree of protection | IP65 / IP67                             |
| Mating cycles        | min. 750                                |
| Temperature range    | -40 °C ... +70 °C                       |

| Identification   | Part number            | Drawing                          | Dimensions in mm |
|--|------------------------|----------------------------------|------------------|
| <b>System cables</b><br>2 x PushPull USB                 |                        |                                  |                  |
| USB 2.0 type B-B   | Length: 1.5 m<br>5.0 m | 09 45 145 3902<br>09 45 145 3905 |                  |
| USB 2.0 type A-A   | Length: 1.5 m<br>5.0 m | 09 45 145 1902<br>09 45 145 1905 |                  |
| USB 3.0 type A-A   | Length: 1.5 m<br>5.0 m | 09 45 145 2902<br>09 45 145 2905 |                  |
| <b>System cables</b><br>1 x PushPull USB<br>1 x IP20 USB |                        |                                  |                  |
| USB 2.0 type B-B   | Length: 1.5 m<br>5.0 m | 09 45 145 3912<br>09 45 145 3915 |                  |
| USB 2.0 type A-A   | Length: 1.5 m<br>5.0 m | 09 45 145 1912<br>09 45 145 1915 |                  |
| USB 3.0 type A-A   | Length: 1.5 m<br>5.0 m | 09 45 145 2912<br>09 45 145 2915 |                  |
| Other types and lengths on request                       |                        |                                  |                  |