Overview of Qualified Wire Materials per Version of Receptacle Connectors

MicroBridge Receptacle 90°

Manufacturer	Cable	Nominal Conductor Cross-Section	Conductor Pull-Out Force
Gebauer & Griller Kabelwerke GmbH	**FLU7Y 0,35-A**[1] according to factory standard K 6593	0,35 mm²	≥ 50N

MicroBridge Receptacle 180°

Manufacturer	Cable	Nominal Conductor Cross-Section	Conductor Pull-Out Force
Gebauer & Griller Kabelwerke GmbH	**FLU7Y 0,35-A**[2] according to factory standard K 6593	0,35 mm²	≥ 50N
Leoni Kabel GmbH	**Leoni MOCAR® U 180 E 0,35-A**[3] partnumber 760000OBA	0,35 mm²	≥ 50N

The pull-out speed has to be limited to a maximum of 50 mm/min.
A maximum of one cable per connector is allowed to be pulled out for inspection.

Factory standards K6593 und K9149 refer to identical wire materials acc. to GuG.
Partnumbers 76822214F und 760000OBA differ, acc to Leoni, production sites and respective supply chains. 76822214F has been discontinued.

Remarks:

All processing shall strictly follow ERNI's Processing Specification in order to ensure best quality.

ERNI reserves the right to apply changes to this document without prior notice.

The released version of a Processing Specification can be obtained by download from www.erni.com. The edition on the website replaces all older versions, which hereby become invalidated. If, in rare cases, the Processing Specification is not available online, please contact your local ERNI representative. This also applies to the Processing Specifications' attachments which may change independently from the main Processing Specification.

The above listed connector variants and associated wires do not mean all partnumbers (e.g. pin count), respectively connector/wire combinations, are fully qualified and approved by ERNI. For binding information on approvals always inquire ERNI.

[1] For details of the wire qualification refer datasheet dating 3.12.18: acc. to LV 112-1, class E, excepted abrasion of core at nominal cross section 0.35mm²
[2] For details of the wire qualification refer datasheet dating 3.12.18: acc. to LV 112-1, class E, excepted abrasion of core at nominal cross section 0.35mm²
[3] For details of the wire qualification refer datasheet Version 1.0 dating 11.12.19: Nach/ acc. to: ISO 19642-3/2019-01; ISO 6722-1 2011-10