The right connection technology for INSEVIS connectors

The following description serves to describe the connection technology required for the INSEVIS connectors.

Requirement for correct contacting with INSEVIS connectors			
Connection technology with release levers (E-CONxxx)	Detachable plug connector with 2 lateral push-out levers	Cross-sections for cables - finely stranded with ferrule (with plastic collar DIN 46228/4)	min. 0,14mm^2 … max. 1,0mm^2
Connection technology with screw flanges (E-CONSxxx)	Idetachable plug connector with 2 lateral screw connections	Cross-sections for cables - solid - finely stranded - stranded - fine stranded with ferrule (without plastic collar DIN 46228/1)	min. 0,14mm^2 … max. 1,5mm^2
Contacts	Tension spring contact with actuating pusher	Maximum outer diameter of the connecting conductor	2,5 mm
Experience values for single-line connections:	No ferrules and use of untreated conductors	Optimum shape of the ferrule	conical, smooth (ribbed not recommended)
Sleeve (H) and stripping length for wire end ferrules (AEH) with plastic collar (DIN 46228/4)	1,00mm^2 H 12mm Abiso 15mm 0,75mm^2 H 12mm Abiso 14mm 0,50mm^2 H 10mm Abiso 12mm 0,34mm^2 H 8mm Abiso 10mm 0,25mm^2 H 8mm Abiso 10mm 0,14mm^2 H 8mm Abiso 10mm		
Sleeve and stripping length for wire end ferrules without plastic collar (DIN 46228/1)	1,5mm^2 H 10mm Abiso 10mm		
Sleeve and stripping length for wire end ferrules with plastic collar and 2 connected conductors (DIN 46228/4)	2x0,20mm^2 H 10mm Abiso 12mm 2x0,34mm^2 H 12mm Abiso 15mm		
Experience with twin sleeves:	2x0,50mm^2 H 18mm Abiso 20mm 2x0,75mm^2 H 18mm Abiso 20mm		

Allgemeine Hinweise

Notes on safety
These instructions contain information for initial communication with the INSEVIS-PLC and do not replace a manual. Before continuing with programming, please refer to the manual for the relevant safety instructions on proper use, qualified personnel and maintenance.

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