

		Cable type															
		LiYY	LiYY TP	LiYCY	LiYCY (B) TP	LiFYCY (B) TP	LiYDY-CY TP	SRY D 311	SRY D 321 C	SRY D 351 C (B) TP	DC 300 DS	DC 300 DS TP	RG 179 FEP	RG 316 FEP	Sensor minus 50	Sensor plus 150	Sensor plus 250
Basic construction	Bare copper strands with reference to VDE 0812	•	•	•	•		•										
	Bare copper strands					•											
	Bare copper strands acc. to ASTM B 286							•	•	•							
	Tinned copper strands													•	•	•	
	Tinned copper strands acc. to ASTM B 286										•	•					
	Silver-plated strands												•		•	•	•
	Overall copper screen			•	•	•	•		•	•	•	•	•	•			
	Silver-plated screen												•				
Temperature range fixed laying*	+250 °C																
	+180 °C																
	+150 °C																
	+125 °C																
	+ 90 °C																
	+ 80 °C																
	+ 70 °C	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	- 30 °C	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Voltage	Peak operating voltage max. 48 V	• <sup>1</sup>	• <sup>1</sup>	• <sup>1</sup>	• <sup>1</sup>	•	• <sup>1</sup>								•	•	•
	Peak operating voltage max. 350 V										•	•					
	Peak operating voltage max. 500 V	• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>		• <sup>2</sup>										
	Peak operating voltage 900 V												•	•			
	Voltage UL/CSA 300 V							•	•	•	•	•					
	Testing voltage 600 V														•	•	•
	Testing voltage 1500 V	•	•	•	•	•	•										
Standards and approvals	Fire performance: flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2	•	•	•	•	•	•	•	•	•	•	•	•				
	Fire performance: UL VW1										•	•					
	Fire performance: CSA FT1, FT2							•	•	•	•	•					
	UL recognition							•	•	•	•	•					
Charac-teristics	Very good oil resistance														•	•	•
	Oil resistance acc. to internal standard	•	•	•	•	•	•	•	•	•	•	•					
	Very good chemical resistance												•				•
	Flexibility	B	B	B	B	A	B	B	B	B							



A = very good · B = good

<sup>1</sup> < 0,25 mm<sup>2</sup>

<sup>2</sup> ≥ 0,25 mm<sup>2</sup>

\*The temperature range for flexible application is mentioned on the corresponding catalogue page