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	ÖLFLEX® CLASSIC 100 300/500 V	ÖLFLEX® CLASSIC 100 450/750 V	ÖLFLEX® CLASSIC 100 YELLOW	ÖLFLEX® CLASSIC 100 CY	ÖLFLEX® CLASSIC 100 SY	ÖLFLEX® CLASSIC 100 BK 0,6/1 KV	ÖLFLEX® SMART 108	ÖLFLEX® CLASSIC 110	ÖLFLEX® CLASSIC 110... BK	ÖLFLEX® CLASSIC 110 LT	ÖLFLEX® CLASSIC 110 ORANGE	ÖLFLEX® CLASSIC 110 CY	ÖLFLEX® CLASSIC 110 SY	ÖLFLEX® CLASSIC 110 BLACK 0,6/1 KV	ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 KV	ÖLFLEX® CLASSIC 115 CY	ÖLFLEX® EB	ÖLFLEX® EB CY	ÖLFLEX® 140*	ÖLFLEX® 140 CY*	ÖLFLEX® 150	ÖLFLEX® 150 CY	ÖLFLEX® 191	ÖLFLEX® 191 CY	ÖLFLEX® CONTROL TM	ÖLFLEX® CONTROL TM CY	ÖLFLEX® TRAY II	ÖLFLEX® TRAY II CY	ÖLFLEX® SF																													
 Use	For non-deactivatable circuits: EN 60204 For intrinsically safe circuits in hazardous areas/VDE 0165 Handheld devices and lights on building sites Oil-resistant to UL + CSA specification Enhanced oil resistance to VDE Bio-oil-resistant Chemical-resistant cables UV-resistant cables Servomotors/drive systems For torsion in wind turbine generators (see catalogue page)																																																									
 Standards	Based on standards, such as VDE, HAR or DIN, ... According to standard with VDE certification With VDE registration With HAR certification With UL certification With CSA certification																																																									
 Temperature range*	+105 °C +90 °C +80 °C +70 °C +60 °C -5 °C -10 °C -15 °C -25 °C -30 °C -40 °C -50 °C -55 °C																																																									
 Installation	Outdoor use, unprotected, fixed installation Outdoor use, UV light protection, fixed installation Outdoor use, unprotected, occasional flexing Inside, on plaster, in pipe/conduit, in partitions, fixed installation Inside, occasional flexing																																																									
 Bending radius (occasional flexing)	5 x D 10 x D 12.5 x D 15 x D 20 x D																																																									
 Nominal voltage	300/500 V 600 V acc. to UL or CSA 450/750 V 600/1000 V																																																									
 Design	Fine wire, VDE class 5, stranded copper conductor Extra-fine wire, VDE class 6, stranded copper conductor Ultra-fine wire, VDE class 6, stranded copper conductor PUR core insulation Rubber core insulation PVC/special PVC core insulation PE/PP core insulation Halogen-free core insulation Number printing Colour code acc. to VDE 0293 ÖLFLEX® colour code Screening Cu braid/cover Shared inner sheath under overall screening/braid Steel wire braiding PVC sheath PUR sheath, abrasion-resistant, cut-resistant Halogen-free outer sheath Bio-oil-resistant outer sheath P4/11 Rubber compound sheath acc. to standard																																																									
 Main application/design	 Flexible use																													 Fixed and flexible use																												*fixed or occ. bended
 Possible application	 Fixed installation																																																									

Usage criteria	Cable designation (fixed installation and/or occasional flexing)															
	ÖLFLEX® CLASSIC 100 H	ÖLFLEX® CLASSIC 110 H	ÖLFLEX® CLASSIC 110 CH	ÖLFLEX® CLASSIC 130 H	ÖLFLEX® CLASSIC 135 CH	ÖLFLEX® CLASSIC 130 H BK0,6/1KV	ÖLFLEX® CLASSIC 135 CHBK0,6/1KV	ÖLFLEX® PETRO C HFFR	ÖLFLEX® ROBUST 200	ÖLFLEX® ROBUST 210	ÖLFLEX® ROBUST 215C	ÖLFLEX® CLASSIC 400 P	ÖLFLEX® CLASSIC 400 CP/415 CP	ÖLFLEX® CLASSIC 408 P	ÖLFLEX® CLASSIC 409 P	
Use	For non-deactivatable circuits: EN 60204 For intrinsically safe circuits in hazardous areas/VDE 0165 Handheld devices and lights on building sites Oil-resistant to UL + CSA specification Enhanced oil resistance to VDE Bio-oil-resistant Chemical-resistant cables UV-resistant cables Servomotors/drive systems For torsion in wind turbine generators (see catalogue page) Long-time water submersion (AD 8)															
Standards	Based on standards, such as VDE, HAR or DIN, ... According to standard with VDE certification With VDE registration With HAR certification With UL certification With CSA certification With GL certification															
Temperature range	+105 °C +90 °C +80 °C +70 °C +60 °C -5 °C -10 °C -15 °C -25 °C -30 °C -40 °C -50 °C -55 °C															
Installation	Outdoor use, unprotected, fixed installation Outdoor use, UV light protection, fixed installation Outdoor use, unprotected, occasional flexing Inside, on plaster, in pipe/conduit, in partitions, fixed installation Inside, occasional flexing															
Bending radius (occasional flexing)	4 x D 5 x D 6 x D 10 x D 12.5 x D 15 x D 20 x D															
Nominal voltage	300/500 V 600 V acc. to UL or CSA 450/750 V 600/1000 V 1000 V acc. to UL or CSA															
Design	Fine wire, VDE class 5, stranded copper conductor Extra-fine wire, VDE class 6, stranded copper conductor Ultra-fine wire, VDE class 6, stranded copper conductor PUR core insulation Rubber core insulation PVC/special PVC core insulation PE/PP core insulation Halogen-free core insulation Number printing Colour code acc. to VDE 0293 ÖLFLEX® colour code Screening Cu braid/cover Shared inner sheath under overall screening/braid Steel wire braiding PVC sheath PUR sheath, abrasion-resistant, cut-resistant Halogen-free outer sheath Bio-oil-resistant outer sheath P4/11 Rubber compound sheath acc. to standard															

See selection tables for chem. resistance T1 and T2

Main application/design
 Possible application
 Flexible use
 Fixed and flexible use
 Fixed installation

***Acc. to DIN EN 50565-1 (VDE 0298-565-1); with other applications, partially different bending radii acc. to DIN EN 50565-1 (VDE 0298-565-1), in some cases up to 8 x D

Usage criteria	Cable designation (fixed installation and/or occasional flexing)																		
	H07ZZ-F***	NSSHÖU	H07RN8-F***	ÖLFLEX® SERVO 719	ÖLFLEX® SERVO 728 CY	ÖLFLEX® SERVO 2YSLY-YJB	ÖLFLEX® SERVO 719 CY	ÖLFLEX® SERVO 7DSL	ÖLFLEX® SERVO 9YSLY-YJB	SERVO cable acc. to LENZE® standard	ÖLFLEX® TORSION FRNC	ÖLFLEX® TORSION D FRNC	ÖLFLEX® CRANE NSHTÖU	ÖLFLEX® CRANE VS (N)SHTÖU	ÖLFLEX® CRANE PUR	ÖLFLEX® CRANE	ÖLFLEX® LIFT	ÖLFLEX® LIFT T	ÖLFLEX® LIFT S
Use	<p>For non-deactivatable circuits: EN 60204</p> <p>For intrinsically safe circuits in hazardous areas/VDE 0165</p> <p>Handheld devices and lights on building sites</p> <p>Oil-resistant to UL + CSA specification</p> <p>Enhanced oil resistance to VDE</p> <p>Bio-oil-resistant</p> <p>Chemical-resistant cables</p> <p>UV-resistant cable</p> <p>Servomotors/drive systems</p> <p>For torsion in wind turbine generators (see catalogue page)</p> <p>Long-time water submersion (AD 8)</p>																		
Standards	<p>Based on standards, such as VDE, HAR or DIN, ...</p> <p>According to standard with VDE certification</p> <p>With VDE registration</p> <p>With HAR certification</p> <p>With UL certification</p> <p>With CSA certification</p>																		
Temperature range	<p>+105 °C</p> <p>+90 °C</p> <p>+80 °C</p> <p>+70 °C</p> <p>+60 °C</p> <p>-5 °C</p> <p>-10 °C</p> <p>-15 °C</p> <p>-25 °C</p> <p>-30 °C</p> <p>-40 °C</p> <p>-45 °C</p> <p>-50 °C</p> <p>-55 °C</p>																		
Installation	<p>Outdoor use, unprotected, fixed installation</p> <p>Outdoor use, UV light protection, fixed installation</p> <p>Outdoor use, unprotected, occasional flexing</p> <p>Inside, on plaster, in pipe/conduit, in partitions, fixed installation</p> <p>Inside, occasional flexing</p>																		
Bending radius (occasional flexing)	<p>5 x D</p> <p>6 x D</p> <p>7.5 x D</p> <p>10 x D</p> <p>12.5 x D</p> <p>15 x D</p> <p>20 x D</p>																		
Nominal voltage	<p>300/500 V</p> <p>600 V acc. to UL or CSA</p> <p>450/750 V</p> <p>600/1000 V</p> <p>1000 V acc. to UL or CSA</p>																		
Design	<p>Fine wire, VDE class 5, stranded copper conductor</p> <p>Extra-fine wire, VDE class 6, stranded copper conductor</p> <p>Ultra-fine wire, VDE class 6, stranded copper conductor</p> <p>PUR core insulation</p> <p>Rubber core insulation</p> <p>PVC/special PVC core insulation</p> <p>PE/PP core insulation</p> <p>Halogen-free core insulation</p> <p>Number printing</p> <p>Colour code acc. to VDE 0293</p> <p>ÖLFLEX® colour code</p> <p>Tensile strain relief element (ZEE)</p> <p>Screening Cu braid/cover</p> <p>Shared inner sheath under overall screening/braid</p> <p>Steel wire braiding</p> <p>Jacket-integrated support braid against torsion + ovalisation</p> <p>PVC sheath</p> <p>PUR sheath, abrasion-resistant, cut-resistant</p> <p>Halogen-free outer sheath</p> <p>Bio-oil-resistant outer sheath P4/11</p> <p>Rubber compound sheath acc. to standard</p>																		

Main application/design
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***Acc. to DIN EN 50565-1 (VDE 0298-565-1); with other applications, partially different bending radii acc. to DIN EN 50565-1 (VDE 0298-565-1), in some cases up to 8 x D