

[illegible]

For current information see: www.lappgroup.com

Usage criteria		Cable designation (fixed installation and/or occasional flexing)																				
	Page	90	92	95	99	101	97	100	102	98		160	160	169	170	171	172	174	175			
		H07ZZ-F***	NSSHÖU	H07RN8-F***	ÖLFLEX® SERVO 719	ÖLFLEX® SERVO 728 CY	ÖLFLEX® SERVO 2YSLCY-JB	ÖLFLEX® SERVO 719 CY	ÖLFLEX® SERVO 7DSL	ÖLFLEX® SERVO 9YSLCY-JB	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																						
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 cable																						
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																						
 Temperature range																						
+105 °C																						
+90 °C																						
+80 °C																						
+70 °C																						
+60 °C																						
-5 °C																						
-10 °C																						
-15 °C																						
-25 °C																						
-30 °C																						
-40 °C																						
-45 °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																						
6 x D																						
7.5 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																						
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																						
Tensile strain relief element (ZEE)																						
Screening Cu braid/cover																						
Shared inner sheath under overall screening/braid																						
Steel wire braiding																						
Jacket-integrated support braid against torsion + ovalisation																						
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																						
 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																						