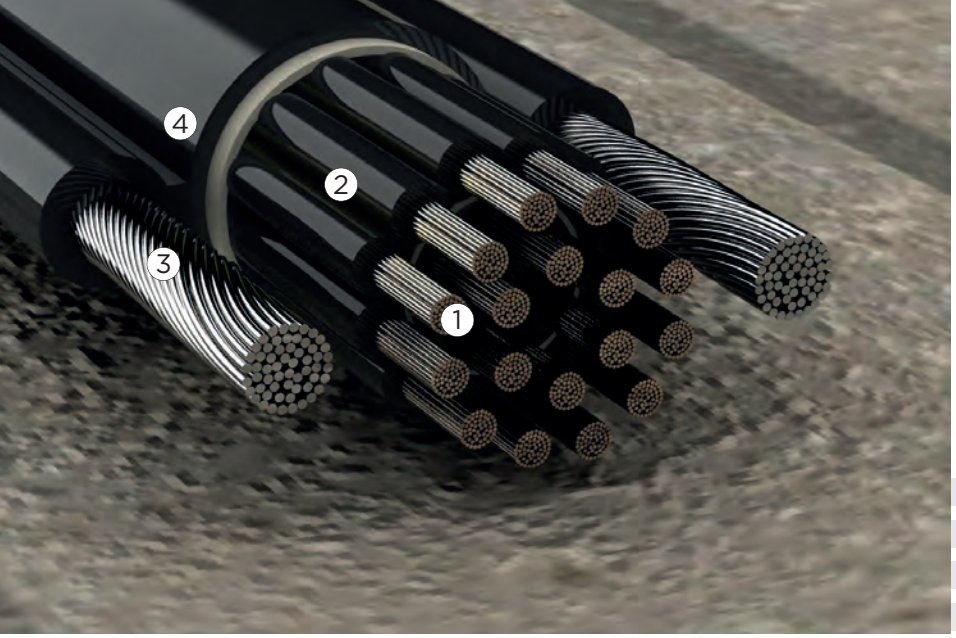
PENDANTFLEX

PVC Pendant control cable with 2 x steel strainers

Application
Pendantflex is a pendant control cable specially designed for use on hoist and crane systems. The two steel load bearing elements can be detached without damaging the outer sheath and fixed independently from the cable gland. The cable offers high flexibility at lower temperatures due to the quality of material used in the construction.

Construction	
Conductor :	Fine stranded plain copper according to IEC 228 Class6
Insulation:	PVC
Core colour :	According to VDE 0293 –black with white numbers without green/yellow earth (also available with g/y on request)
Core Arrangement :	Cores Twisted together – concentric layers
Sheath :	PVC
Sheath colour :	Black
Imprint :	SIMBAL PENDANTFLEX
Working Environment	
Maximum operating temperature	
in fixed application :	–20 deg C – + 80 deg C
Maximum operating temperature	
in mobile application :	–5 deg C – + 70 deg C
Maximum temperature at	
conductor :	+70 deg C
Environment :	suitable for use in dry & humid areas
Electrical properties	
Nominal voltage :	300/500 V
Test Voltage :	2000 V
Conductor resistance :	In accordance with IEC 228 class 6
Insulation resistance :	> 20 MOhms x km
Additional information	
Minimum bending radius :	Mobile application – 10 x cable thickness
Maximum suspended height:	80 meters
Tensile strength :	150kg each carrier element
Oil resistance :	According to VDE 0472
Flame resistance :	According to VDE 0482 pt IEC 332–1–2 resp. IEC 60332–1–2
Applied Standards	Similar to IEC 227

We reserve the right to amend all technical details without prior notification



1. Copper conductor
2. PVC Insulation
3. Steel carrier elements
4. PVC Outer sheath

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Part No	Cross Section mm2	Current Rating @ 30 Deg	CU Number kg/km	Outer Dimensions approx. (mm)	Weight kg/km	Gland size
08031 0150 05	5 X 1.5	20A	72.0	21.5 x 10.5	240	PG13.5 / M20S
08031 0150 08	8 X 1.5	20A	115.2	23.6 x 13.4	420	PG16 / M20
08031 0150 12	12 X 1.5	20A	173.0	25.7 x 16.5	515	PG21 / M25
08031 0150 16	16 X 1.5	20A	231.0	27.4 x 18.2	600	PG29 / M25
08031 0150 20	20 X 1.5	20A	288.0	28.2 x 19.0	800	PG29 / M25
08031 0150 24	24 X 1.5	20A	346.0	31.1 x 21.9	960	PG29 / M32
08031 0150 30	30 X 1.5	20A	432.0	32.9 x 23.7	1120	PG29 / M3

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