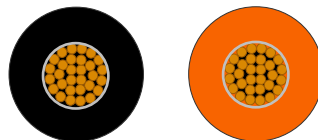


3808080	DATA SHEET	
Valid from: 01.10.2023	ÖLFLEX® POWER N2D (former X01N2-D)	

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*Illustrations are not to scale and do not represent detailed images of the respective products.

1. Application

Suitable to use for mobile connection between welding equipment and electrodes or ground clamps.

2. Reference Standard(s)

Based on EN 50525-2-81

3. Cable Construction

- 3.1. Conductor : Fine strands of plain annealed copper wire acc. to IEC 60228 Class 6
- 3.2. Separator : PET tape
- 3.3. Covering : EPR compound
- 3.4. Colours : Black or Orange

4. Technical Data

- 4.1. Rated Voltage : 100/100 V
- 4.2. Test Voltage : 1000 V
- 4.3. Min. Bending Radius : 12 x cable diameter (occasional flexing)
- 4.4. Temperature Range : -25°C to +85°C (occasional flexing)
- 4.5. Flame Retardant : In acc. to IEC 60332-1-2
- 4.6. EU Directive : 2014/35/EU (Low Voltage Directive), 2011/65/EU (RoHS)
- 4.7. CE Mark : Yes

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5. Dimensional Data

Part No.	Conductor Cross-section mm ²	Approx. Cable OD mm	Covering colour -	Max. Conductor Resistance @ 20°C Ω/km	Approx. Cable Wt. kg/km
3808080	10	8.7	Black	1.91	171
3808081			Orange		
3808082	16	9.9	Black	1.21	198
3808083			Orange		
3808084	25	11.4	Black	0.780	305
3808085			Orange		
3808086	35	12.8	Black	0.552	415
3808087			Orange		
3808088	50	14.8	Black	0.386	555
3808089			Orange		
3808090	70	17.2	Black	0.272	765
3808091			Orange		
3808092	95	19.3	Black	0.206	1010
3808093			Orange		
3808094	120	21.6	Black	0.161	1262
3808095			Orange		
3808096	150	23.7	Black	0.129	1610
3808097			Orange		
3808098	185	26.0	Black	0.106	1995
3808099			Orange		
3808100	240	28.9	Black	0.0801	2520
3808101			Orange		

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