

# Welding cable H01N2-D/-E acc. to VDE 0282-6

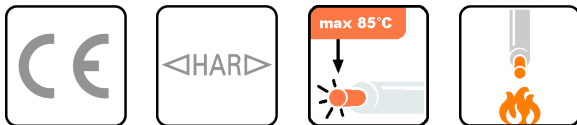


**conductor material:** bare copper  
**sheathing material:** rubber (CR) EM5  
**flame retardant:** VDE 0482-332-1-2/IEC 60332-1  
**max. operating temperature, fixed:** -20 - 85 °C  
**maximum temperature at conductor:** 85 °C  
**oil resistant acc. to EN 60811-2-1:** yes

*H01N2-D cables with normal flexibility*     *H01N2-E cables with improved flexibility*  
 100 V     100 V  
 100 V     100 V  
 no     no  
 1 kV     1 kV

**nominal voltage U<sub>0</sub>:**  
**nominal voltage U:**  
**protective conductor:**  
**test voltage:**

**Application:** In dry, damp and wet rooms as welding cable for machine or hand operation.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data H01N2-D cables with normal flexibility

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
060008	H01N2-D 01X16 SW	9,2	220	154
060009	H01N2-D 01X25 SW	10,5	300	240
060010	H01N2-D 01X35 SW	12,1	410	336
060011	H01N2-D 01X50 SW	13,5	560	480
060012	H01N2-D 01X70 SW	16,2	770	672

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
060013	H01N2-D 01X95 SW	18,5	1050	912
060014	H01N2-D 01X120 SW	20,1	1290	1152
060016	H01N2-D 01X150 SW	22,5	1590	1440
060029	H01N2-D 01X240 SW	29,5	2540	2304
060028	H01N2-D 01X50 GE	13,3	560	480

table: technical data H01N2-E cables with improved flexibility

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
060022	H01N2-E 01X10 SW	6,9	122	96
060015	H01N2-E 01X16 SW	7,9	235	154
060023	H01N2-E 01X25 SW	9,4	282	240
060017	H01N2-E 01X35 SW	10,5	363	336
060024	H01N2-E 01X50 SW	12,8	534	480

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
060019	H01N2-E 01X70 SW	14,2	716	672
060020	H01N2-E 01X95 SW	16,8	1012	912

## Current rating as function of load factor

cross-section	100 %	85 %	80 %	60 %	35 %	20 %	8 %
10	96	97	98	102	114	137	198
16	130	132	134	142	166	204	301
25	173	179	181	196	234	293	442
35	216	226	229	250	304	384	584
50	274	287	293	323	398	508	779
70	341	360	398	409	510	655	1011
95	413	438	448	502	632	816	1266
120	480	511	523	588	745	966	1502
150	557	594	609	687	875	1137	1771
185	638	683	700	793	1012	1319	2059