

ZK8500-8282-7xxx | Signal cable for manual operating modules, 20 x 0.14 mm², shielded, connectors on both sides for KL85xx, KL9303 and terminals with ribbon cable connection

Connector

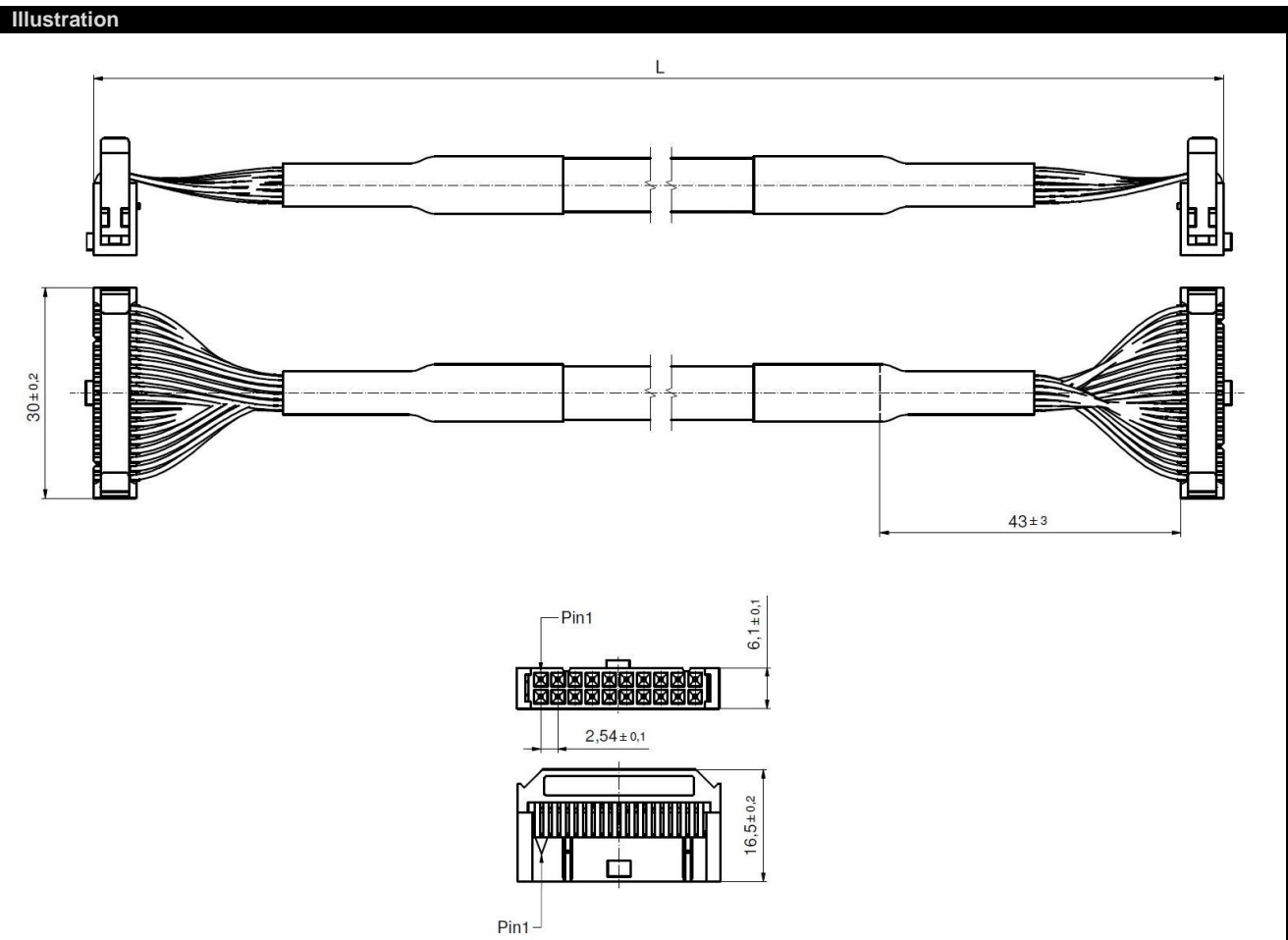
Electrical data	Head 1	Head 2
Rated voltage	250V AC	250V AC
Rated current (ethernet)	1,0 A	1,0 A
Mechanical data	Head 1	Head 2
Installation size	DIN 41651	DIN 41651
Connector type	socket	socket
Configuration	straight	straight
Contact type	male	male
Number of positions	20	20
Wire termination	IDC	IDC
Mating cycles	50	50
Contact carrier color	grey RAL7035	grey RAL7035
Contact carrier material	PBT GV V0 UL94	PBT GV V0 UL94
Contact material	Copper alloy	Copper alloy
Contact plating	Ni, Au gal.	Ni, Au gal.
Environmental data		
Operation temperature range in °C	-40°C up to +105°C	
Protection level	IP20 (according to IEC 60529)	

Cable

Electrical data	
Rated voltage	350 V
Test voltage	1200 V
Mechanical data	
Cable structure	according to VDE 0812
Cross section	0.14mm ² (AWG26)
Bending radius, moved	15 x cable outer diameter
Bending radius, fixed installation	6 x cable outer diameter
Weight	100 kg/km
Cable outer diameter	7.7 mm ±0.2mm
Conductor material	Copper, tinned
Jacket color	grey
Jacket material	PVC
Wire insulation material	according to DIN 47100
Wire insulation material	PVC
Printing color	black
Environmental data	
Operation temperature range, moved	-5 °C up to +70 °C
Operation temperature range, fixed installation	-40 °C up to +80 °C
UV resistance	yes
Oil resistance	no

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Pinout	
Pin	Wire color
1	white
2	brown
3	green
4	yellow
5	grey
6	pink
7	blue
8	red
9	black
10	violett
11	grey-pink
12	red-blue
13	white-green
14	brown-green
15	white-yellow
16	yellow-brown
17	white-grey
18	grey-brown
19	white-pink
20	pink-brown



Ordering information	cable length (L)
ZK8500-8282-7030	3.00 m
ZK8500-8282-7040	4.00 m
ZK8500-8282-7050	5.00 m