

H-System Custom Cable

CAB-HON-**-S37C32-MX-01000

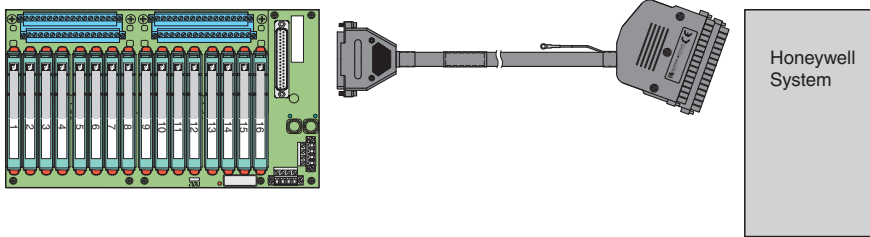


- Honeywell specific system cable for Honeywell Experion Series C I/O and Universal Safety I/O to Pepperl+Fuchs H-System termination boards
- Connects terminal plug on Honeywell series C300 Input Output Termination Assembly (IOTA) to a single 37-pin Sub-D connector on H-System termination boards
- Universal usage for all signal types (AI, AO, DI, DO)
- Preconfigured lengths

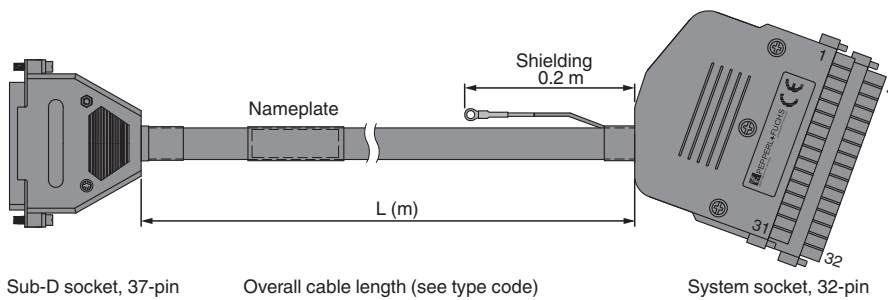
Cordset, 37-pin Sub-D socket to 32-pin Honeywell system socket, PVC cable



Connection



Dimensions



Sub-D socket, 37-pin

Overall cable length (see type code)

System socket, 32-pin

Technical Data

Electrical specifications

Rated voltage	U_r	max. 30 V
Rated current	I_r	max. 1 A
Lead resistance		< 70 m Ω / m

Standard conformity

Release date: 2023-06-06 Date of issue: 2023-06-06 Filename: t1188890_eng.pdf

Technical Data

Flammability	according to VW-1	
Ambient conditions		
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)	
Storage temperature	-40 ... 70 °C (-40 ... 158 °F)	
Mechanical specifications		
Connection	37-pin Sub-D socket , black 32-pin system socket , black ring terminal M5 , red	
Material		
Connector	Sub-D socket: ABS system socket: PA66	
Sheathing	PVC	
Core insulation	PVC	
Cable	LiY(St)Y	
Diameter	14 mm	
Bending radius	min. 12 x external diameter, fixed cable	
Color	black	
Cores	32 x 22 AWG	
Conductor construction	stranded wire , fine-strand	
Shield	aluminium foil	
Shielding		
Diameter	2.4 mm	
Bending radius	min. 12 x external diameter, fixed cable	
Color	green	
Cores	22 AWG	
Conductor construction	stranded wire , fine-strand	
Mass	approx. 320 g / m	

Connection Assignment

Pinout		Sub-D socket, 37-pin	System socket, 32-pin
Pin	Channel		
1	1 (-)	19	2
2	1 (+)	37	1
3	2 (-)	18	4
4	2 (+)	36	3
5	3 (-)	17	6
6	3 (+)	35	5
7	4 (-)	16	8
8	4 (+)	34	7
9	5 (-)	15	10
10	5 (+)	33	9
11	6 (-)	14	12
12	6 (+)	32	11
13	7 (-)	13	14
14	7 (+)	31	13
15	8 (-)	12	16
16	8 (+)	30	15
17	9 (-)	11	18
18	9 (+)	29	17
19	10 (-)	10	20
20	10 (+)	28	19
21	11 (-)	9	22
22	11 (+)	27	21
23	12 (-)	8	24
24	12 (+)	26	23
25	13 (-)	7	26
26	13 (+)	25	25
27	14 (-)	6	28
28	14 (+)	24	27

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Connection Assignment

Pinout		Sub-D socket, 37-pin	System socket, 32-pin
Pin	Channel		
29	15 (-)	5	30
30	15 (+)	23	29
31	16 (-)	4	32
32	16 (+)	22	31

Product Versions

The option marked with ** corresponds to the cable length L in meters. Available cable lengths on request.