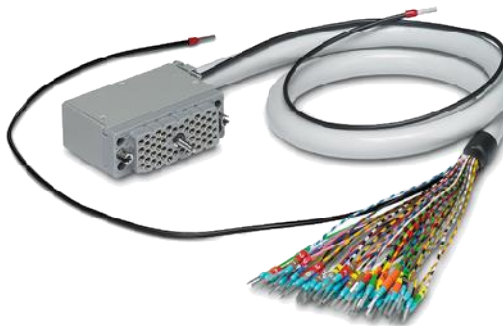


CABLE-EC38/F/OE/0,34/S/...

Description

Assembled round cable with ELCO/EDAC connector on one side and open end leads with marked ferrules on other side (1:1 connection). This cable can be used as mating part of the electronics or controller module having male ELCO (8016 series) and EDAC (516 series) or equivalent connector.

- Following features characterize these cables:
- ELCO/EDAC connectors to connect to ELCO interface boards
 - Lineup of VARIOFACE termination boards
 - Standard length in variables of 5 meters
 - Variable lengths available upon request
 - Braided shield is routed to a separate cable end fitted with a ferrule
 - According to UL AWM, style 2464 / CSA



Note: Picture shows a similar product

Order Data

Type / Model No.	Article No. / Order No.
CABLE-EC38/F/OE/0,34/S/05M	5010001
CABLE-EC38/F/OE/0,34/S/10M	5010002
CABLE-EC38/F/OE/0,34/S/15M	5010003
CABLE-EC38/F/OE/0,34/S/20M	5010004
CABLE-EC38/F/OE/0,34/S/25M	5010005
CABLE-EC38/F/OE/0,34/S/30M	5010006
CABLE-EC38/F/OE/0,34/S/35M	5010007
CABLE-EC38/F/OE/0,34/S/40M	5010008
CABLE-EC38/F/OE/0,34/S/45M	5010009
CABLE-EC38/F/OE/0,34/S/50M	5010010

Technical Data

Cable

Cable	Assembled shielded round cable
Make	Klasing
No. of core	38 Cores
Conductor cross section	0.34mm ²
Core diameter (approx.)	1.3mm
Conductor resistance	56 W/Km at 20°C
Core stranding/construction	19 x 0.15mm stranded copper wires (AWG22)
Outer diameter	11.90mm
Maximum permissible operating Voltage	25V AC/60V DC
Insulation Resistance	>100M Ohm x km
Overall Shield	Tinned copper braid – coverage >80%
Inner sheath material	Semi-rigid PVC (UL-style 1061)
Inner core color	Color coded to DIN 47100 without repetition
Outer sheath material	PVC class 43
Outer sheath color	Grey (RAL 7035)
Flammability	Flame Retardant to IEC 60332-3-2
Operating temperature range	-20°C to +80°C

Connector

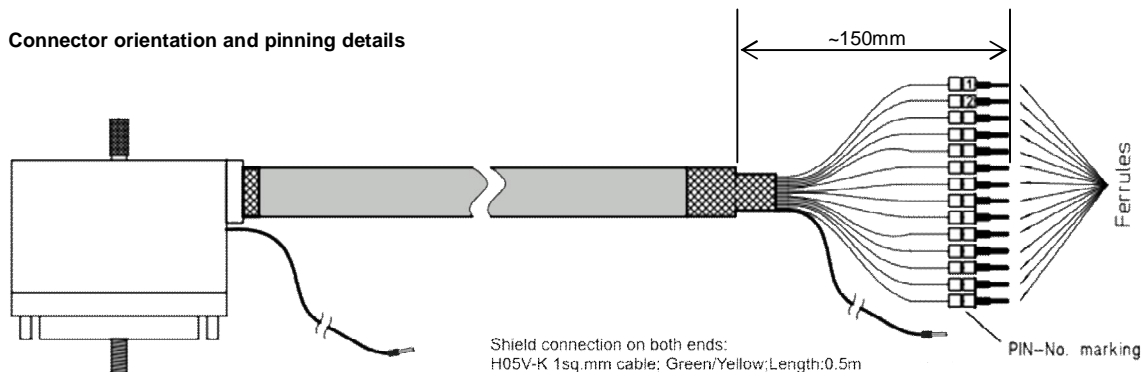
Type	Rectangular female type connector (single side)
Make	EDAC 516 series
No. of positions used	38
Receptacle insulation material	Polycarbonate, Grey color
Cover material	Die-cast zinc finished with grey enamel paint

CABLE-EC38/F/OE/0,34/S/...

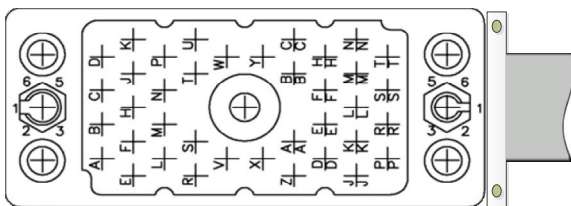
Accessory

Type / Model No.	Article No. / Order No.	Item Description	Scope of Supply
UMK- EC38/38-XOR	2976297	38 pos. VARIOFACE module with pin strip 8016 right above	no
UMK- EC38/38-XOL	2976284	38 pos. VARIOFACE module with pin strip 8016 left above	no

Connector orientation and pinning details



External view



Pinning/Mapping Details

Open-End Pin Nos.	Core Color	EDAC socket plug-in connector	Open-End Pin Nos.	Core Color	EDAC socket plug-in connector
1	white	A	20	pink-brown	X
2	brown	B	21	white-blue	Y
3	green	C	22	brown-blue	Z
4	yellow	D	23	white-red	AA
5	grey	E	24	brown-red	BB
6	pink	F	25	white-black	DD
7	blue	H	26	brown-black	EE
8	red	J	27	grey-green	FF
9	black	K	28	yellow-grey	HH
10	violet	L	29	pink-green	JJ
11	grey-pink	M	30	yellow-pink	KK
12	red-blue	N	31	green-blue	LL
13	white-green	P	32	yellow-blue	MM
14	brown-green	R	33	green-red	NN
15	white-yellow	S	34	yellow-red	PP
16	yellow-brown	T	35	green-black	RR
17	white-grey	U	36	yellow-black	SS
18	grey-brown	V	37	grey-blue	TT
19	white-pink	W	CC	pink-blue	CC