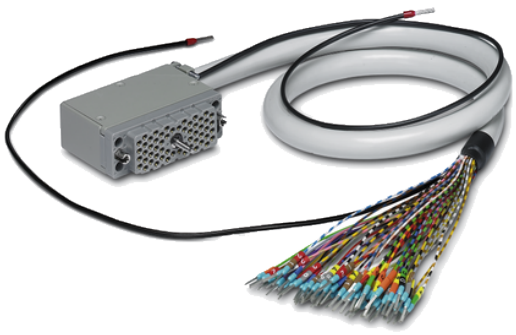
CABLE-EC56/F/OE/0,34/S/...

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-EC56/F/OE/0,34/S/05M	5011001
CABLE-EC56/F/OE/0,34/S/10M	5011002
CABLE-EC56/F/OE/0,34/S/15M	5011003
CABLE-EC56/F/OE/0,34/S/20M	5011004
CABLE-EC56/F/OE/0,34/S/25M	5011005
CABLE-EC56/F/OE/0,34/S/30M	5011006
CABLE-EC56/F/OE/0,34/S/35M	5011007
CABLE-EC56/F/OE/0,34/S/40M	5011008
CABLE-EC56/F/OE/0,34/S/45M	5011009
CABLE-EC56/F/OE/0,34/S/50M	5011010

Technical Data

Cable

Cable	Assembled shielded round cable
Make	Klasing
No. of core	56 Cores
Conductor cross section	0.34mm²
Core diameter (approx.)	1.3mm
Conductor resistance	56 Ω/Km at 20°C
Core stranding/construction	19 x 0.15mm stranded copper wires (AWG22)
Outer diameter	14.10mm
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

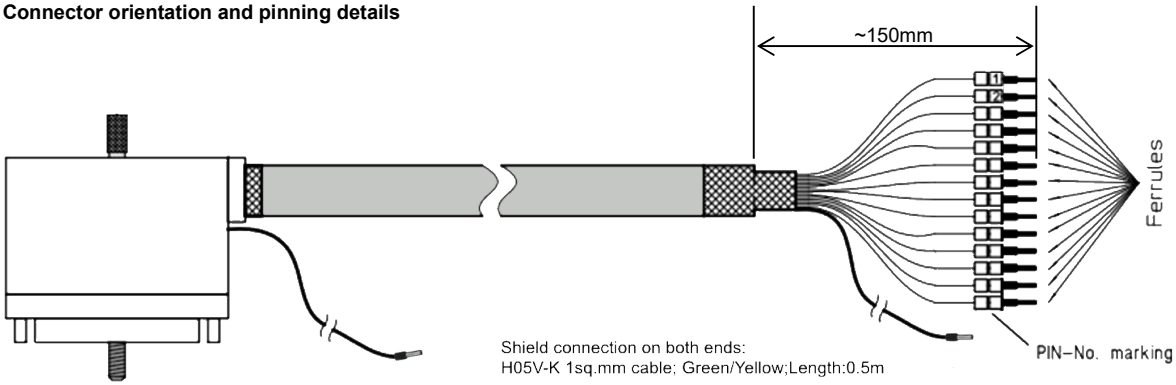
Connector

Type	Rectangular female type connector (single side)
Make	EDAC 516 series
No. of positions used	56
Receptacle insulation material	Polycarbonate, Grey color
Cover material	Die-cast zinc finished with grey enamel paint

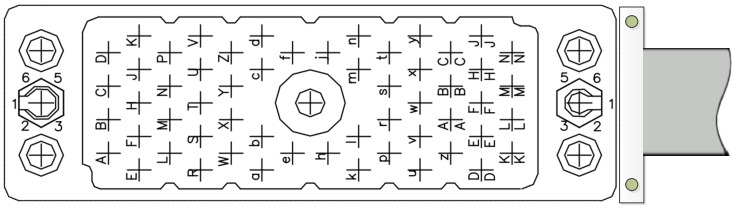
Accessory

Type / Model No.	Article No. / Order No.	Item Description	Scope of Supply
UMK- EC56/56-XOR	2975900	56 pos. VARIOFACE module with pin strip 8016 right above	no
UMK- EC56/56-XOL	2975890	56 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	29	pink-green	k
2	brown	B	30	yellow-pink	l
3	green	C	31	green-blue	m
4	yellow	D	32	yellow-blue	n
5	grey	E	33	green-red	p
6	pink	F	34	yellow-red	r
7	blue	H	35	green-black	s
8	red	J	36	yellow-black	t
9	black	K	37	grey-blue	u
10	violet	L	38	pink-blue	v
11	grey-pink	M	39	grey-red	w
12	red-blue	N	40	pink-red	x
13	white-green	P	41	grey-black	y
14	brown-green	R	42	pink-black	z
15	white-yellow	S	43	blue-black	AA
16	yellow-brown	T	44	red-black	BB
17	white-grey	U	45	white-brown-black	CC
18	grey-brown	V	46	yellow-green-black	DD
19	white-pink	W	47	grey-pink-black	EE
20	pink-grown	X	48	red-blue-black	FF
21	white-blue	a	49	white-green-black	HH
22	brown-blue	b	50	brown-green-black	JJ
23	white-red	c	51	white-yellow-black	KK
24	brown-red	d	52	yellow-brown-black	LL
25	white-black	e	53	white-grey-black	MM
26	brown-black	f	54	grey-brown-black	NN
27	grey-green	h	Y	white-pink-black	Y
28	yellow-grey	j	Z	pink-brown-black	Z