

## Electrical Connections

### Connection cable VBK



#### Description

Connection cable with connection plugs on both ends. The cables are available in different lengths, with straight or angular connection form. The connection cables are made of high-quality PUR and suitable for highly dynamic requirements.

#### Application:

- electrical connection of vacuum switches and valves



VBK-

#### Article number

Type	0,6 m	2 m	5 m
VBK-M8B-3P-M8S-3P	6.35.3.1249	6.35.3.1265	6.35.3.1281
VBK-M8B90-3P-M8S-3P	6.35.3.1250	6.35.3.1266	6.35.3.1282
VBK-M8B-3P-M8S-4P	6.35.3.1251	6.35.3.1267	6.35.3.1283
VBK-M8B90-3P-M8S-4P	6.35.3.1252	6.35.3.1268	6.35.3.1284
VBK-M8B-4P-M8S-4P	6.35.3.1253	6.35.3.1269	6.35.3.1285
VBK-M8B90-4P-M8S-4P	6.35.3.1254	6.35.3.1270	6.35.3.1286
VBK-M8B-3P-M12S-3P	6.35.3.1255	6.35.3.1271	6.35.3.1287
VBK-M8B90-3P-M12S-3P	6.35.3.1256	6.35.3.1272	6.35.3.1288
VBK-M12B-5P-M8S-3P	6.35.3.1257	6.35.3.1273	6.35.3.1289
VBK-M12B90-5P-M8S-4P	6.35.3.1258	6.35.3.1274	6.35.3.1290
VBK-M8B-4P-M12S-4P	6.35.3.1259	6.35.3.1275	6.35.3.1291
VBK-M8B90-4P-M12S-4P	6.35.3.1260	6.35.3.1276	6.35.3.1292
VBK-M12B90-5P-M8S-4P	6.35.3.1262	6.35.3.1278	6.35.3.1156
VBK-M12B-5P-M12S-5P	6.35.3.1263	6.35.3.1279	6.35.3.1294
VBK-M12B90-5P-M12S-5P	6.35.3.1264	6.35.3.1280	6.35.3.1295

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#### Technical data

		VBK-M8-M8	VBK-M8(M12)-M12(M8), VBK-M12-M12
Voltage:	(V)	50AC/60DC	30AC/36DC
Current-carrying capacity:	(A)	3	3
Ambient temperature:	(°C)	-25 ... +90	-25 ... +90
Safety type:		IP67	IP67
Cable cross section:	(mm <sup>2</sup> )	0,25	0,34
Diameter:	(mm)	3,7	4,3
Drag chain terms:		yes	yes
Bend radius	(mm)	37	45
Movement speed:	(m/s)	3,3	3,3
Acceleration:	(m/s <sup>2</sup> )	5,0	5,0
Bending cycles:		> 5 Mio	> 5 Mio
Torsional stress:	(°/m)	180	180