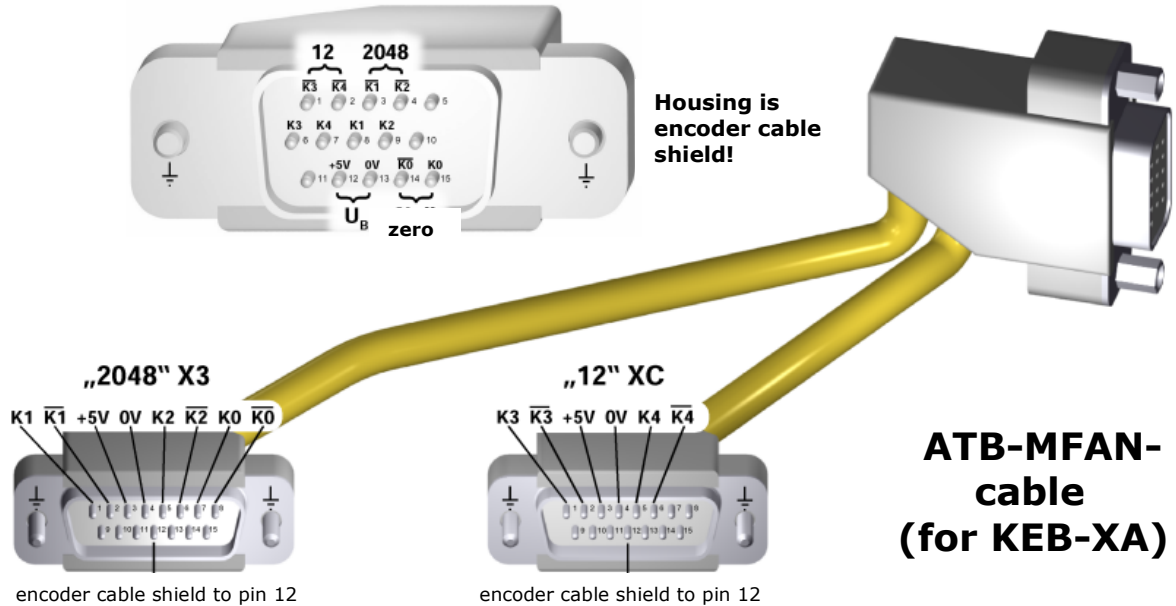
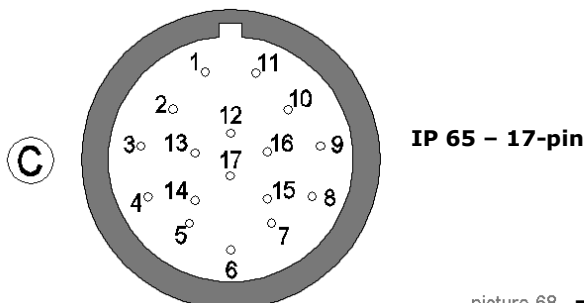
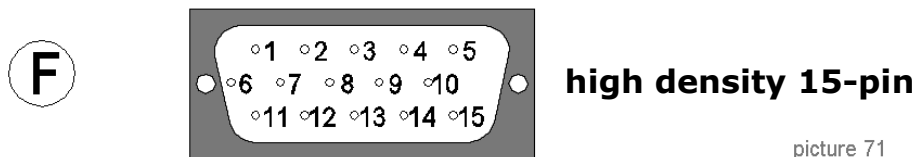


Since February 2003 it is possible to drive all asynchronous gearless motors not only with SSI combined encoder, but also with the likewise used 8-channel encoder. All filenames ending like ...8SP.KOM combined with firmware TUDZ from 04.11.2002 or later are able to handle 8-channel encoders from Heidenhain (ERN1387), compatible types from Hengstler and also special encoder types from Hübner (ATB-MFAN) etc. Please note that for devices of size 1 and devices with front-located connectors the option 'second encoder' with 'ATB-MFAN' cable (drawing below) is necessary. For all other sizes (2 to 5) and sidewise-located connectors (series DSV 5445 – Lift) is 'ATB-option' with 15-pin high density SUB-D-connector necessary (in this case the encoder cable fits directly without adapter, whereat the signals of the 2048 1Vss main track of the encoder are transmitted via an internal or – at older systems – an external UD cable).



ERN 1387 2048 62S14-70K (Id.No. 312215-05) with 10m cable (Id.No. 309778-10) and 17-pin angular connector (Id.No. 332199-01) at the motor side and 15-pin high density SUB-D-male (three rowed) at the inverter side (encoder cable shield connected on both sides):

connector type C	15	16	12	13	3	2	14	17	9	8	housing	7	10	1	4	11
connector type F	8	3	9	4	15	14	6	1	7	2	housing	12	13	---	---	5
Colour of wire	green - black	yellow - black	blue - black	red - black	red	black	grey	pink	yellow	purple	silver	brown - green	white - green	blue	white	black
Descr.	K1 A+	K1 A-	K2 B+	K2 B-	K0 N+	K0 N-	K3 C+	K3 C-	K4 D+	K4 D-	encoder cable shield	5V Up	0V Un	5V sens.	0V sens.	I-s.
Comment	+sin 2048	-sin 2048	+cos 2048	-cos 2048	+ zero	- zero	sin +1	sin -1	cos +1	cos -1	ground PE	power supply		sensor only if needed		gnd



Files available for: ATB, NINGBO, Blocher