

# accessories

## adapter and extension cables

**piezosystem jena** delivers all open loop standard translation systems and positioning stages with a cable length of 1m (approx. 40 inches). Systems with integrated capacitive feed back sensors come with 1.6m cable length. Systems with strain gage feed back sensors have a cable length of 1.2m. Systems which have a part number that is extended by the suffix "E" or "D" come with a total cable length of 2m (80 inches).

Please see chapter: "elements with integrated measurement system" page: 71. All systems prepared for vacuum applications are delivered with 0.6m (24.25 inches) polyamid insulated copper wires without connectors for use inside the vacuum. Separate cables with connectors may be included for use outside the vacuum if a power supply is ordered. Airside cable length is 2m (80 inches).

**piezosystem jena** offers a wide range of accessories and adapter cables. Please note, each cable extension, or changing of an existing cable configuration may influence the performance of the system, especially systems with integrated feed back sensors. These systems should be recalibrated after the cable configuration has been changed to keep the full system specification available.

### connectors

part no.	connector	intended use
Z-006-20	LEMO plug 2pin 0S.302	piezo voltage
Z-006-21	LEMO female 2pin 0S.302	piezo voltage
Z-006-30	LEMO plug 6pin 1S.306	SG sensor
Z-006-31	LEMO female 6pin 1S.306	SG sensor
Z-006-40	LEMO plug 4pin 0S.304	SG sensor
Z-006-41	LEMO female 4pin 0S.304	SG sensor
Z-006-50	BNC plug	monitor
Z-006-51	BNC female	monitor
Z-006-60	ODU plug 3pin series L	piezo voltage (nanoX)
Z-006-61	ODU female 3pin series L	piezo voltage (nanoX)
Z-006-64	ODU plug 4pin series L	external sensor
Z-006-65	ODU female 4pin series L	external sensor
Z-006-70	SMB straight for RG174	monitor



Z-006-30



Z-006-31



Z-006-50



Z-006-51



Z-006-70

### extension cables

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Please look just the examples given below and use this scheme to give necessary information to order it:

intended use	connector	connector	length
monitor	SMB plug	BNC plug	1 m
piezo voltage	LEMO plug 2pin 0S.302	LEMO female 2pin 0S.302	2 m
external sensor	ODU plug 4pin series L	ODU female 4pin series L	2 m
SG sensor	LEMO plug 4pin 0S.304	LEMO female 4pin 0S.304	1 m



monitor



piezo voltage

