BEAMEX ORDERING GUIDE





BEAMEX MC6-EX



MC6-Ex - ADVANCED INTRINSICALLY SAFE FIELD CALIBRATOR AND COMMUNICATOR

DescriptionAdvanced Intrinsically safe field calibrator and communicator including temporature, electrical and reference junction functionsHardware repriorElebbus communicator elebbus bardware capability.Foldbus communicator communicator software option also requiredHardware compability9250560Elebbus chardware capability. Foldbus and Profibus communicator software option also requiredInternal pressure modules:2 gauge modules + barometric module to aboute modePi-Ex9250100Barometric modules for aboute modePi00mE-Ex9250140O to Pi0 on bharg a146 to 40 int20Pi00mE-Ex9250160± 40 mbarg a145 to +30 pol aPi02-Ex9250200-1 to 2 barg a-1 45 to +30 pol aPi02-Ex9250200-1 to 2 barg a-1 45 to +30 pol aPi02-Ex9250200-1 to 2 barg a-1 45 to 30 pol aPi02-Ex92502000 to 100 barg a0 to 2400 pol aPi02-Ex92502000 to 100 barg a0 to 2400 pol aPi02-Ex92502000 to 160 barg a0 to 2400 pol aPi02-Ex9250200-1 to 2 bar a-1 45 to 30 pol aPi02-Ex9250200-1 to 2 bar a-1 45 to 30 pol aPi02-Ex9250200-1 to 2 bar a-1 45 to 30 pol aPi02-Ex9240310Barometric modules replander bPi03-Ex9240312-1 to 2 bar a-1 45 to 30 pol aPi03-Ex9240312-1 to 2 bar a-1 45 to 30 p	Order code	9250000								
priorsFieldbus hardware capability. Fieldbus and Profibus communicator software option also requiredInternal pressure modules:Determine the module:Pieldbus hardware capability. Fieldbus and Profibus communicator software option also requiredMotte: Maximum number of pressure modules:Pieldbus hardware capability. Fieldbus and ProfibusPieldbus hardware capability. Fieldbus hardware capability. Fieldbus hardware capability. Fieldbus hardware capability. F	escription	Advanced intrinsi	ically safe field c	alibrator and communic	ator including temperature, electrical and reference junction functions					
Heidbus hardware capability 92:5050 Heidbus hardware capability, Heidbus and Profiles Internal pressure modules: Barometric module for absolute mode PB-Ex 92:50100 Barometric module for absolute mode P10m-Ex 92:50100 Barometric module for absolute mode P10m-Ex 92:50100 ± 10 mbar dff. ± 4 mH20 P10m-Ex 92:50100 ± 10 mbar dff. ± 4 mH20 P10m-Ex 92:50100 ± 10 mbar dff. ± 6 mit20 P10m-Ex 92:50100 ± 10 mbar dff. ± 6 mit20 P20-Ex 92:50200 - 1 to 2 bar g - 14.5 to + 30 psi P20-Ex 92:50200 - 1 to 6 bar g 0 to 900 psi P100-Ex 92:50200 0 to 100 bar g 0 to 900 psi P100-Ex 92:50200 0 to 100 bar g 0 to 900 psi P100-Ex 92:50200 0 to 100 bar g 0 to 900 psi P100-Ex 92:50200 0 to 160 bar g 0 to 2400 psi EXT200-As S 91:40300 ± 200 mbar ± 80 inH20 EXT160-as-IS 91:40300 ± 200 mba		Fieldbus communication								
Internal pressure modules: 2 gauge modules + barometric module. P8-Ex 9250100 Barometric module for absolute mode P100m-Ex 9250140 0 to 100 mbar g ± 10 inH20 P100m-Ex 9250110 ± 10 mbar diff. ± 41 inH20 P100m-Ex 9250110 ± 10 mbar g ± 160 inH20 P100m-Ex 9250110 ± 10 mbar g ± 160 inH20 P100m-Ex 9250120 ± 10 zh g -14.5 to +15 psl P2C-Ex 9250200 -1 to 2 bar g -14.5 to +30 psl P60-Ex 9250220 -1 to 6 bar g 0 to 90 psl P100-Ex 9250200 0 to 10 bar g to 1500 psl P100-Ex 9250200 0 to 10 bar g to 1500 psl P100-Ex 9250200 0 to 10 bar g to 19.400 psl P100-Ex 9250200 0 to 100 bar g to 19.400 psl EXT200mC-s+S 9140300 ±200 mbar ±80 inH20 EXT202-cs-S 9140320 -1 to 20 bar -14.5 to 30 psl EXT100-s 9240310 to 120 bar g 14.5 to 30 psl EXT100-s 9240310 bar onbar diff. ±4 inH20<	options	Fieldbus hardwar	re capability	9250560						
PB-Ex9250100# 10 mbar dift# 4 mH20P100m-Ex92501400 to 100 mbar g0 to 40 inH20P400m-Ex9250180 ± 400 mbar g ± 10 inH20P10-Ex9250180 ± 1 bar g -14.5 to $+15$ paiP20-Ex9250220 -1 to 2 bar g -14.5 to $+30$ paiP20-Ex9250220 -1 to 2 bar g -14.5 to $+300$ paiP20-Ex9250220 -1 to 2 bar g -14.5 to $+300$ paiP20-Ex9250220 -1 to 2 bar g -14.5 to $+300$ paiP20-Ex9250220 0 to 10 bar g 0 to $2,400$ paiP10-Ex9250230 0 to 10 bar g 0 to $2,400$ paiP10-Ex9250300 0 to 160 bar g 0 to $2,400$ paiP10-Ex9250300 0 to 160 bar g 0 to 2400 paiEXT20mC-s-IS9140360 0 to 160 bar 0 to 2400 paiEXT100-IS9240312 ± 10 mbar diff. ± 4 inH20EXT100-IS9240312 ± 10 mbar diff. ± 4 inH20EXT100-IS9240312 ± 10 mbar diff. ± 4 inH20EXT20-IS924030 -1 to 20 bar g -14.5 to $+30$ paiEXT20-IS9240325 ± 1 bar g -14.5 to $+30$ paiEXT20-IS924030 -1 to 20 bar g -14.5 to $+30$ paiEXT20-IS924030 -1 to 20 bar g -14.5 to $+30$ paiEXT20-IS924030 -1 to 20 bar g -14.5 to $+30$ paiEXT20-IS924030 -1 to 20 bar g -14.5 to $+$		Internal pressure modules:								
P10mD-Ex9250120 \pm 10 mbar diff. \pm 4 lnH20P100m-Ex92501400 to 100 mbar g0 to 40 inH20P400mC-Ex9250180 \pm 400 mbar g1450 inH20P1C-Ex9250200 \pm 1 to r g14.5 to +15 paiP2C-Ex9250220 -1 to 2 bar g-14.5 to +30 paiP6C-Ex9250280 0 to 6 bar g0 to 900 paiP10-Ex9250280 0 to 6 bar g0 to 1,000 paiP10-Ex9250280 0 to 100 bar g0 to 2,400 paiP10-Ex9250280 0 to 160 bar g0 to 2,400 paiP10-Ex9250280 0 to 160 bar g0 to 2,400 paiP160-Ex9250280 0 to 160 bar g0 to 2,400 paiP160-Ex9250280 0 to 160 bar g0 to 2,400 paiP160-Ex9140300 \pm 200 mbar \pm 80 inH20EXT20-AS9140300 \pm 10 mbar diff. \pm 41 mb20EXT20-C-s-IS91403600 to 160 bar0 to 2400 paiEXT100-IS9240310Barcmetric module for abouter modeEXT100-IS9240312 \pm 10 mbar diff. \pm 41 mb20EXT100-IS9240325 \pm 1 bar g14.5 to +15 paiEXT2C-IS924030 -1 to 2 bar g14.5 to +16 paiEXT2C-IS924030 </td <td></td> <td colspan="9">NOTE: Maximum number of pressure modules: 2 gauge modules + barometric module.</td>		NOTE: Maximum number of pressure modules: 2 gauge modules + barometric module.								
P100m-Ex92501400 to 100 mbar g0 to 40 inH20P400mC-Ex9250160 \pm 400 mbar g \pm 160 inH20P1C-Ex9250200 \pm 1 bar g $-14.5 to +15 psi$ P2C-Ex9250200 $-1 to 2 bar g$ $-14.5 to +30 psi$ P2C-Ex9250200 $-1 to 20 bar g$ $-14.5 to +30 psi$ P20-Ex9250200 $-1 to 20 bar g$ $0 to 900 psi$ P20-Ex9250200 $0 to 60 bar g$ $0 to 900 psi$ P100-Ex9250280 $0 to 100 bar g$ $0 to 1,500 psi$ P100-Ex9250300 $0 to 160 bar g$ $0 to 2,400 psi$ P100-Ex9250300 $\pm 200 mbar$ $\pm 80 inH20$ EXtra0mcCs-s9140300 $\pm 200 mbar$ $\pm 80 inH20$ EXT20-s-s9140300 $\pm 10 bar$ $-14.5 to 30 psi$ EXT20-s-s9140300 $\pm 10 abar$ $-14.5 to 30 psi$ EXT10m-s-IS9140300 $-1 to 2 bar$ $-14.5 to 30 psi$ EXT10m-s-IS9140300 $-1 to 2 bar$ $-14.5 to 30 psi$ EXT10m-S9240310Barometric module for absolute modeEXT10m-IS9240315 $0 to 100 mbar g$ $0 to 400 psi$ EXT10m-IS9240320 $\pm 400 mbar g$ $\pm 160 mH20$ EXT10m-IS9240335 $-1 to 2 bar g$ $-14.5 to +30 psi$ EXT2C-IS9240330 $-1 to 2 bar g$ $-14.5 to +30 psi$ EXT6-IS9240335 $-1 to 2 bar g$ $-14.5 to +30 psi$ EXT6-IS9240335 $-1 to 2 bar g$ $-14.5 to +30 psi$ EXT6-IS9240350 $0 to 60 bar g$ $0 $		PB-Ex	9250100	Barometric module	e for absolute mode					
P400mC-Ex 9250160 ±400 mbar g ±160 inH20 P1C-Ex 9250180 ±1 bar g -14.5 to +15 psi P2C-Ex 9250220 -1 to 2 bar g -14.5 to +30 psi P6C-Ex 9250220 -1 to 6 bar g -14.5 to +30 psi P2C-Ex 9250220 -1 to 6 bar g -14.5 to +30 psi P20-Ex 9250220 -1 to 20 bar g -14.5 to +30 psi P20-Ex 9250280 0 to 100 bar g 0 to 900 psi P100-Ex 9250300 0 to 160 bar g 0 to 2,400 psi P100-Ex 9250300 -1 to 2 bar -14.5 to 30 psi EXT200mC-s-IS 9140320 -1 to 2 bar -14.5 to 30 psi EXT20-s-IS 9140320 -1 to 2 bar -14.5 to 30 psi EXT20-s-IS 9140320 -1 to 2 bar -14.5 to 30 psi EXT100-s-IS 9240312 ±10 mbar diff. ±40 inH20 EXT10mD-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240320 -14 bo 2 bar g -14.5 to +30 psi EXT2C-IS 9240320 ±100 mbar g 0 to 40 inH20 EXT10mD-IS <t< td=""><td></td><td>P10mD-Ex</td><td>9250120</td><td>\pm 10 mbar diff.</td><td>±4 inH20</td></t<>		P10mD-Ex	9250120	\pm 10 mbar diff.	±4 inH20					
P1C-Ex 9250180 ± 1 bar g -14.5 to +15 psi P2C-Ex 9250200 -1 to 2 bar g -14.5 to +30 psi P6C-Ex 9250220 -1 to 20 bar g -14.5 to +30 psi P6C-Ex 9250200 -1 to 20 bar g -14.5 to +30 psi P20-Ex 9250200 0 to 00 bar g 0 to 900 psi P60-Ex 9250200 0 to 00 bar g 0 to 1500 psi P100-Ex 9250300 0 to 100 bar g 0 to 2,400 psi P100-Ex 9250300 0 to 160 bar g 0 to 2,400 psi EXT200mC-s-IS 9140300 ±200 mbar ±80 inH20 EXT20c-s-IS 9140300 ±10 20 bar -14.5 to 300 psi EXT20c-s-IS 9140300 1 to 20 bar -14.5 to 300 psi EXT100m-IS 9240310 Barometric module for absolute mode EXT100m-IS 9240315 0 to 100 mbar g 1 to 12 har g EXT100m-IS 9240315 0 to 100 mbar g 1 to 145 in +30 psi EXT100m-IS 9240320 ±4 00 mbar g 1 to 2 bar g -14.5 to +30 psi EXT10-IS 9240335 1 to 6 bar g 0 ta 50 opsi EXT60-i		P100m-Ex	9250140	0 to 100 mbar g	0 to 40 inH20					
P2C-Ex 9250200 -1 to 2 barg -14.5 to +30 psi P6C-Ex 9250220 -1 to 6 barg -14.5 to +30 psi P20C-Ex 9250240 -1 to 20 barg -14.5 to +30 psi P20C-Ex 9250240 -1 to 20 barg 0 to 900 psi P100-Ex 9250280 0 to 100 barg 0 to 2,400 psi P100-Ex 9250300 ±200 mbar ±80 inH20 EXternal pressure modules: (Standard accuracy) EXT200mC-s-IS 9140320 -1 to 20 bar -14.5 to 300 psi EXT20-S-IS 9140320 -1 to 20 bar -14.5 to 300 psi EXT20-S-IS 9140320 -1 to 20 bar -14.5 to 300 psi EXT160-S-IS 9140320 -1 to 20 bar 0 to 2400 psi EXT10m-IS 9240310 Barometric module for absolute mode EXT100m-IS 9240312 ±10 mbar dif. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbarg 145 to +130 psi EXT20-IS 9240330 -1 to 20 barg -14.5 to +30 psi EXT20-IS 9240330 1 to 20 barg -14.5 to +30 psi EXT100m-IS 9240320 ±00 mbarg 146 to 1h20 EXT20-IS 9240330 -1 to 20 ba		P400mC-Ex	9250160	±400 mbar g	±160 inH20					
$\begin{array}{cccccccc} P6C-Ex & 9250220 & -1 to 6 bar g & -14.5 to +90 pi \\ P20C-Ex & 9250240 & -1 to 20 bar g & -14.5 to +300 pi \\ P20C-Ex & 9250260 & 0 to 60 bar g & 0 to 900 pi \\ P100-Ex & 9250280 & 0 to 100 bar g & 0 to 1,500 pi \\ P100-Ex & 9250300 & 0 to 160 bar g & 0 to 2,400 pi \\ \hline \end{array}$		P1C-Ex	9250180	± 1 bar g	-14.5 to +15 psi					
P20C-Ex 9250240 -1 to 20 bar g 0 to 900 psi P60-Ex 9250280 0 to 100 bar g 0 to 1,500 psi P100-Ex 9250300 0 to 160 bar g 0 to 2,400 psi P160-Ex 9250300 0 to 160 bar g 0 to 2,400 psi EXT200mC-s-IS 9140300 ±200 mbar ±80 inH20 EXT20-s-IS 9140320 -1 to 2 bar -14.5 to 30 psi EXT20-s-IS 9140320 -1 to 2 bar -14.5 to 300 psi EXT160-s-IS 9140340 -1 to 20 bar -14.5 to 300 psi EXT160-s-IS 9140360 0 to 160 bar 0 to 2400 psi EXT100-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100D-IS 9240315 0 to 100 mbar g 0 to 40 inH20 EXT100D-IS 9240325 ±1 bar g -14.5 to +30 psi EXT2C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT6-IS 9240335 -1 to 6 bar g -14.5 to +30 psi EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +300 psi EXT60-IS 9240335 -1 to 6 bar g 0 to 900 psi EXT60-IS <td></td> <td>P2C-Ex</td> <td>9250200</td> <td>-1 to 2 bar g</td> <td>-14.5 to +30 psi</td>		P2C-Ex	9250200	-1 to 2 bar g	-14.5 to +30 psi					
P60-Ex 9250260 0 to 60 barg 0 to 900 psi P100-Ex 9250280 0 to 100 barg 0 to 1,500 psi P160-Ex 9250300 0 to 160 barg 0 to 2,400 psi External pressure wouldes: (Standard accuracy) EXT200mC-s-IS 9140300 ±200 mbar ±80 inH20 EXT20c-s-IS 9140320 -1 to 2 bar -14.5 to 30 psi EXT160-s-IS 9140340 -1 to 20 bar -14.5 to 300 psi EXT160-s-IS 9140360 0 to 160 bar 0 to 2400 psi EXT160-s-IS 9140360 0 to 160 bar 0 to 2400 psi EXT100m-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbarg 0 to 40 inH20 EXT100m-IS 9240325 ± 1 barg -14.5 to +30 psi EXT20-IS 92403325 ± 1 barg -14.5 to +30 psi EXT20-IS 92403325 ± 1 barg -14.5 to +30 psi EXT60-IS 9240335 -1 to 2 barg -14.5 to +30 psi EXT60-IS 9240335 -1 to 2 barg 0 to 5.00 psi EXT100-IS 9240345 0 to 60		P6C-Ex	9250220	-1 to 6 bar g	-14.5 to +90 psi					
P100-Ex 9250280 0 to 100 bar g 0 to 1,500 psi P160-Ex 9250300 0 to 160 bar g 0 to 2,400 psi External pressure modules: (Standard accuracy) EXT200mC-s-IS 9140300 ±200 mbar ±80 inH20 EXT2 Co-s-IS 9140320 -1 to 2 bar -14.5 to 30 psi EXT200-s-31 9140340 -1 to 20 bar -14.5 to 30 psi EXT160-s-IS 9140360 0 to 160 bar 0 to 2400 psi Curacity Extremal pressure Curacity Extremal pressure Curacity Extremal pressure Curacity Extremal pressure Extremal pressure Curacity Extremal pressure Extremal p		P20C-Ex	9250240	-1 to 20 bar g	-14.5 to +300 psi					
P160-Ex 9250300 0 to 160 bar g 0 to 2,400 psi External pressure Standard accuracy) EXT200mC-s-IS 9140300 ±200 mbar ±80 inH20 EXT2C-s-IS 9140300 1 to 2 bar -14.5 to 30 psi EXT20C-s-IS 9140300 -1 to 2 bar -14.5 to 300 psi EXT160-s-IS 9140300 -1 to 2 bar -14.5 to 300 psi EXT160-s-IS 9140300 0 to 160 bar 0 to 2400 psi EXT160-s-IS 9240310 Barometric module for absolute mode EXT100m-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbar g 14.5 to +30 psi EXT10-IS 9240325 ±1 bar g -14.5 to +30 psi EXT6C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +30 psi EXT60-IS 9240350 -1 to 20 bar g -14.5 to +30 psi EXT60-IS 9240350 -1 to 20 bar g -14.5 to +30 psi EXT60-IS 9240350 -1 to 20 bar g -14.5 to +30 psi EXT60-IS 92403		P60-Ex	9250260	0 to 60 bar g	0 to 900 psi					
External pressure modules: (Standard accuracy)EXT200mC-s-IS9140300 $\pm 200 \text{ mbar}$ $\pm 80 \text{ inH20}$ EXT2C-s-IS9140320-1 to 2 bar-14.5 to 30 psiEXT20C-s-IS9140340-1 to 20 bar-14.5 to 300 psiEXT160-s-IS91403600 to 160 bar0 to 2400 psiExternal pressure modules: (High accuracy)EXTB-IS9240310Barometric module for absolute modeEXT10mD-IS9240312 ± 10 mbar diff. ± 4 inH20EXT100m-IS92403150 to 100 mbar g0 to 40 inH20EXT10C-IS9240320 ± 400 mbar g ± 160 inH20EXT10-IS9240320 ± 10 mg -14.5 to $+300$ psiEXT2C-IS9240330-1 to 2 bar g -14.5 to $+300$ psiEXT6C-IS9240330-1 to 20 bar g -14.5 to $+300$ psiEXT0C-IS92403450 to 60 bar g0 to 900 psiEXT100-IS92403550 to 100 bar g0 to 10,500 psiEXT100-IS92403500 to 100 bar g0 to 10,500 psiEXT100-IS92403550 to 100 bar g0 to 2,400 psiEXT100-IS92403550 to 100 bar g0 to 2,400 psiEXT100-IS92403550 to 100 bar g0 to 2,400 psiEXT100-IS92403600 to 250 bar g0 to 3,700 psiEXT100-IS92403600 to 250 bar g0 to 3,700 psiEXT60-IS92403650 to 600 bar g0 to 9,000 psi		P100-Ex	9250280	0 to 100 bar g	0 to 1,500 psi					
EXT200mC-s-IS 9140300 ±200 mbar ±80 inH20 EXT20C-s-IS 9140300 -1 to 2 bar -14.5 to 300 psi EXT20C-s-IS 9140300 -1 to 20 bar -14.5 to 300 psi EXT20C-s-IS 9140300 -1 to 20 bar -14.5 to 300 psi EXT20C-s-IS 9140300 0 to 160 bar 0 to 2400 psi External pressure wouldes: (High accuracy) EXTB-IS 9240310 Barometric module for absolute mode EXT100m-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbar g 0 to 40 inH20 EXT100m-IS 9240320 ±400 mbar g ±160 inH20 EXT100m-IS 9240325 ± 1 bar g -14.5 to +30 psi EXT2C-IS 9240335 -1 to 2 bar g -14.5 to +30 psi EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +30 psi EXT60-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT60-IS 9240350 0 to 100 bar g 0 to 2,400 psi EXT100-IS 9240350 0 t		P160-Ex	9250300	0 to 160 bar g	0 to 2,400 psi					
EXT200mC-s-IS 9140300 ±200 mbar ±80 inH20 EXT20C-s-IS 9140300 -1 to 2 bar -14.5 to 300 psi EXT20C-s-IS 9140300 -1 to 20 bar -14.5 to 300 psi EXT20C-s-IS 9140300 -1 to 20 bar -14.5 to 300 psi EXT20C-s-IS 9140300 0 to 160 bar 0 to 2400 psi External pressure wouldes: (High accuracy) EXTB-IS 9240310 Barometric module for absolute mode EXT100m-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbar g 0 to 40 inH20 EXT100m-IS 9240320 ±400 mbar g ±160 inH20 EXT100m-IS 9240325 ± 1 bar g -14.5 to +30 psi EXT2C-IS 9240335 -1 to 2 bar g -14.5 to +30 psi EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +30 psi EXT60-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT60-IS 9240350 0 to 100 bar g 0 to 2,400 psi EXT100-IS 9240350 0 t										
EXT2C-s-IS 9140320 -1 to 2 bar -14.5 to 30 psi EXT2QC-s-IS 9140340 -1 to 20 bar -14.5 to 300 psi EXT10G-s-IS 9140360 0 to 160 bar 0 to 2400 psi Extremal pressure wouldes: (High would bar) EXT10mD-IS 9240310 Barometric module module module module EXT10mD-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbar g 0 to 40 inH20 EXT100m-IS 9240320 ±400 mbar g ±160 inH20 EXT10-IS 9240330 -1 to 2 bar g -14.5 to +15 psi EXT2C-IS 9240330 -1 to 2 bar g -14.5 to +300 psi EXT0C-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT0-IS 9240350 1 to 20 bar g 0 to 900 psi EXT0-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT10-IS 9240350 0 to 100 bar g 0 to 2,400 psi EXT10-IS 9240350 0 to 100 bar g 0 to 2,400 psi EXT10-IS 9240350 0 to 100 bar g 0 to 2,400 psi EXT10-IS 9240350		External pressu	re modules: (Sta	andard accuracy)						
EXT20C-s-IS 9140340 -1 to 20 bar -14.5 to 300 psi EXT160-s-IS 9140360 0 to 160 bar 0 to 2400 psi External pressurmedules: (High account) EXTB-IS 9240310 Barometric module for absolute mode EXT100m-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbar g 0 to 40 inH20 EXT100m-IS 9240320 ±400 mbar g ±160 inH20 EXT1C-IS 9240325 ± 1 bar g -14.5 to +30 psi EXT2C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT6C-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 -1 to 2 bar g -14.5 to +300 psi EXT6C-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1500 psi EXT160-IS 9240355 0 to 160 bar g 0 to 2,400 psi EXT160-IS 9240350 0 to 160 bar g 0 to 2,400 psi EXT160-IS 9240350 0 to 160 bar g 0 to 2,400 psi EXT160-IS 9240365 0 to 60		EXT200mC-s-IS	9140300	±200 mbar	±80 inH20					
EXT160-s-IS91403600 to 160 bar0 to 2400 psiExternal pressure unders: (High under Stream)EXTB-IS9240310Barometric module of the shoulte modeEXT10mD-IS9240312±10 mbar diff.±4 inH20EXT100m-IS92403150 to 100 mbar g0 to 40 inH20EXT400mC-IS9240320±400 mbar g±160 inH20EXT10-IS9240320±10 ag-14.5 to +15 psiEXT2C-IS9240330-1 to 2 bar g-14.5 to +30 psiEXT6C-IS9240330-1 to 2 bar g-14.5 to +30 psiEXT6C-IS9240340-1 to 20 bar g-14.5 to +30 psiEXT60-IS92403501 to 6 bar g0 to 900 psiEXT60-IS92403500 to 60 bar g0 to 900 psiEXT100-IS92403500 to 100 bar g0 to 1,500 psiEXT160-IS92403500 to 160 bar g0 to 2,400 psiEXT160-IS92403600 to 250 bar g0 to 3,700 psiEXT60-IS92403650 to 600 bar g0 to 9,000 psiEXT160-IS92403600 to 250 bar g0 to 3,700 psiEXT60-IS92403650 to 600 bar g0 to 9,000 psiEXT60-IS92403650 to 600 bar g0 to 9,000 psiEXT160-IS92403650 to 600 bar g0 to 3,700 psiEXT60-IS92403650 to 600 bar g0 to 9,000 psiEXT60-IS92403650 to 600 bar g0 to 9,000 psiEXT60-IS92403650 to 600 bar g0 to 9,000 psiEXT60-IS9240365<		EXT2C-s-IS	9140320	-1 to 2 bar	-14.5 to 30 psi					
External pressure would be subtrained by the solute mode EXTB-IS 9240310 Barometric module for absolute mode EXT10mD-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbar g 0 to 40 inH20 EXT10-IS 9240320 ±400 mbar g ±160 inH20 EXT10-IS 9240325 ±1 bar g -14.5 to +15 psi EXT6C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT20C-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 924035 0 to 60 bar g 0 to 900 psi EXT100-IS 924035 0 to 100 bar g 0 to 1,500 psi EXT160-IS 9240350 0 to 100 bar g 0 to 2,400 psi EXT160-IS 9240360 0 to 250 bar g 0 to 3,700 psi EXT60-IS 9240365 0 to 600 bar g 0 to 9,000 psi EXT160-IS 9240365 0 to 600 bar g 0 to 3,700 psi EXT60-IS 9240365 0 to 600 bar g 0 to 9,000 psi		EXT20C-s-IS	9140340	-1 to 20 bar	-14.5 to 300 psi					
External pressure modules: (High accuracy)EXTB-IS9240310Barometric module for absolute modeEXT10mD-IS9240312 ± 10 mbar diff. ± 4 inH20EXT100m-IS92403150 to 100 mbar g0 to 40 inH20EXT400mC-IS9240320 ± 400 mbar g ± 160 inH20EXT10-IS9240325 ± 1 bar g -14.5 to $+15$ psiEXT2C-IS9240330 -1 to 2 bar g -14.5 to $+30$ psiEXT6C-IS9240335 -1 to 6 bar g -14.5 to $+30$ psiEXT6C-IS9240340 -1 to 20 bar g -14.5 to $+300$ psiEXT6O-IS92403500 to 600 bar g0 to 900 psiEXT100-IS92403500 to 100 bar g0 to 1,500 psiEXT100-IS92403650 to 160 bar g0 to 3,700 psiEXT250-IS92403650 to 600 bar g0 to 9,000 psi		EXT160-s-IS	9140360	0 to 160 bar	0 to 2400 psi					
EXT10mD-IS 9240312 ±10 mbar diff. ±4 inH20 EXT100m-IS 9240315 0 to 100 mbar g 0 to 40 inH20 EXT400mC-IS 9240320 ±400 mbar g ±160 inH20 EXT1C-IS 9240325 ± 1 bar g -14.5 to +15 psi EXT2CC-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT20C-IS 9240335 -1 to 6 bar g -14.5 to +300 psi EXT60-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 9240350 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 2,400 psi EXT160-IS 9240360 0 to 250 bar g 0 to 3,700 psi EXT250-IS 9240365 0 to 600 bar g 0 to 9,000 psi		External pressu	re modules: (Hig	<u>gh accuracy)</u>						
EXT100m-IS 9240315 0 to 100 mbar g 0 to 40 inH20 EXT400mC-IS 9240320 ±400 mbar g ±160 inH20 EXT1C-IS 9240325 ±1 bar g -14.5 to +15 psi EXT2C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT20C-IS 9240335 -1 to 6 bar g -14.5 to +90 psi EXT20C-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 9240340 -1 to 20 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT100-IS 9240355 0 to 160 bar g 0 to 2,400 psi EXT160-IS 9240360 0 to 250 bar g 0 to 3,700 psi EXT250-IS 9240365 0 to 600 bar g 0 to 9,000 psi		EXTB-IS	9240310	Barometric module	e for absolute mode					
EXT400mC-IS 9240320 ±400 mbar g ±160 inH20 EXT1C-IS 9240325 ±1 bar g -14.5 to +15 psi EXT2C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +90 psi EXT20C-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 9240350 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT160-IS 9240365 0 to 600 bar g 0 to 3,700 psi EXT250-IS 9240365 0 to 600 bar g 0 to 9,000 psi		EXT10mD-IS	9240312	± 10 mbar diff.	±4 inH20					
EXT1C-IS 9240325 ± 1 bar g -14.5 to +15 psi EXT2C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +90 psi EXT20C-IS 9240340 -1 to 20 bar g -14.5 to +90 psi EXT60-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT160-IS 9240355 0 to 160 bar g 0 to 2,400 psi EXT160-IS 9240360 0 to 250 bar g 0 to 3,700 psi EXT250-IS 9240365 0 to 600 bar g 0 to 9,000 psi		EXT100m-IS	9240315	0 to 100 mbar g	0 to 40 inH20					
EXT1C-IS 9240325 ± 1 bar g -14.5 to +15 psi EXT2C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +90 psi EXT20C-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT160-IS 9240355 0 to 160 bar g 0 to 2,400 psi EXT250-IS 9240365 0 to 600 bar g 0 to 3,700 psi EXT200-IS 9240365 0 to 600 bar g 0 to 9,000 psi		EXT400mC-IS	9240320	±400 mbar g	±160 inH20					
EXT2C-IS 9240330 -1 to 2 bar g -14.5 to +30 psi EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +90 psi EXT20C-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT160-IS 9240365 0 to 160 bar g 0 to 2,400 psi EXT250-IS 9240360 0 to 250 bar g 0 to 3,700 psi EXT600-IS 9240365 0 to 600 bar g 0 to 9,000 psi		EXT1C-IS	9240325	•	-14.5 to +15 psi					
EXT6C-IS 9240335 -1 to 6 bar g -14.5 to +90 psi EXT20C-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT250-IS 9240365 0 to 160 bar g 0 to 3,700 psi EXT250-IS 9240365 0 to 600 bar g 0 to 9,000 psi				-	-14.5 to +30 psi Deamex EXT -IS					
EXT20C-IS 9240340 -1 to 20 bar g -14.5 to +300 psi EXT60-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT160-IS 9240355 0 to 160 bar g 0 to 2,400 psi EXT250-IS 9240360 0 to 250 bar g 0 to 3,700 psi EXT600-IS 9240365 0 to 600 bar g 0 to 9,000 psi				-	-14.5 to +90 psi					
EXT60-IS 9240345 0 to 60 bar g 0 to 900 psi EXT100-IS 9240350 0 to 100 bar g 0 to 1,500 psi EXT160-IS 9240355 0 to 160 bar g 0 to 2,400 psi EXT250-IS 9240360 0 to 250 bar g 0 to 3,700 psi EXT600-IS 9240365 0 to 600 bar g 0 to 9,000 psi					Ex ia liC T4 Ga $(Ta = -2050^{\circ}C)$					
EXT100-IS92403500 to 100 bar g0 to 1,500 psiEXT160-IS92403550 to 160 bar g0 to 2,400 psiEXT250-IS92403600 to 250 bar g0 to 3,700 psiEXT600-IS92403650 to 600 bar g0 to 9,000 psi				0	EXTERNAL PRESSURE MODULE					
EXT160-IS92403550 to 160 bar g0 to 2,400 psiEXT250-IS92403600 to 250 bar g0 to 3,700 psiEXT600-IS92403650 to 600 bar g0 to 9,000 psi				-						
EXT250-IS92403600 to 250 bar g0 to 3,700 psiEXT600-IS92403650 to 600 bar g0 to 9,000 psi				° °						
EXT600-IS 9240365 0 to 600 bar g 0 to 9,000 psi				-						
				° °						
		ENTOUTIO	5210010	o to 1000 bul y						
EXT Cable 8066770 EXT-IS cable (MC6-Ex> EXT-IS)		EXT Cable	8066770	FXT-IS cable (MC6-	-Fx> FXT-IS)					

BEAMEX MC6-EX



HARDWARE AND SOFTWARE OPTIONS AND ACCESSORIES

irmware	DC	9250800	Documenting calibrator (also enables communication with CMX and LOGiCAL)
options	DL	9250800	Multichannel data logger
	MSplus	9250840	Mobile Security Plus. NOTE: Documenting calibrator option required on calibrator, requires CMX with MSPlus option!
	MC6HART	9250500	HART communication option
	MC6FF	9250520	MC6-Ex Foundation Fieldbus (H1) communication option (9250560 hardware option also required)
	MC6PA	9250540	MC6-Ex Profibus PA communication option (9250560 hardware option also required)
	PCC DPI 510/520	9250610	Pressure controller communication for Druck DPI520 or DPI510. Includes required RS232/USB adapter cable
	PCC POC4	9250605	Pressure controller communication for POC4. Free of charge if ordered together with POC6 communication option. Includes required RS232/USB adapter cable
	PCC POC6	9250600	Pressure controller communication for POC6. Includes required RS232/USB adapter cable
	PCC POC8	9250660	Pressure controller communication for POC8. Includes required RS232/USB adapter cable
	Sensor Curve	9250890	Special temperature curve (please specify and and check availability)
	TBC Ametek Jofra xTC	9250730	Ametek Jofra, ATC-125A, ATC-140A, ATC-155A, ATC-156A, ATC-157A, ATC-250A, ATC-320A, ATC-650/ ATC-125B, ATC-140B, ATC-155B, ATC-156B, ATC-157B, ATC-250B, ATC-320B, ATC-650B, C-140, C-32 C-320-2, C-650, C-650-2, ITC-155A, ITC-320A, ITC-650A, CTC-140A, CTC-320A, CTC-320B, CTC-650/ CTC-650B, CTC-1200A, MTC-140A, MTC-320A, MTC-320B, MTC-650A, MTC-650B, ETC-125A, ETC- 400A, ETC-400R
	TBC MB/FB	9250700	Temperature block communication to Beamex FB and MB series dryblocks. Includes required RS232/USB adapter cable
	TBC Fluke 917x/914x	9250720	Temperature block communication to Fluke - Hart Scientific 9170, 9171, 9172, 9173 / 9142, 9143, 9144
	TBC Fluke-Hart Scientific	9250740	Temperature block communication to Fluke - Hart Scientific 0011, 2100-T, 2100-RS, 2100-P, 2100, 2200, 6010-RS, 6010, 6012-RS, 6012, 6018-RS, 6018, 6020-RS, 6020, 6021-RS, 6021, 6022-RS, 6022, 6024-RS, 6024, 6025-RS, 6025, 6035-RS, 6035, 6038-RS, 6038, 6039-RS, 6039, 6045-RS, 6045, 6050-RS, 6050-RS, 6050H, 6050, 6054-RS, 6054, 6055-RS, 6055, 6102, 6330-RS, 6330, 6331, 7004-RS, 7004, 7005-RS, 7005, 7006-RS, 7006, 7007-RS, 7007, 7008-RS, 7008, 7009-RS, 7009, 7011-RS, 7011, 7012-RS, 7012, 7013-H0T, 7013-C0LD, 7015-RS, 7015, 7018-RS, 7018, 7025 RS, 7025, 7030-RS, 7030, 7037-RS, 7037, 7038-RS, 7038, 7039-RS, 7039, 7040-RS, 7040, 7041-RS 7041, 7042-RS, 7042, 7050-RS, 7050, 7051-RS, 7051A, 7051, 7060-RS, 7060, 7061-RS, 7061, 7080-RS, 7080, 7081-RS, 7014, 7100-RS, 7100, 7102, 7103, 7108-RS, 7112, 7320-RS, 7320, 7321, 7340, 7341, 7380-RS, 7380, 7381, 7900, 9009, 9011, 9023, 9100S, 9102S, 9103, 9105-80C, 9105-140C, 9107, 9114, 9115A, 9116A, 9117, 9122A, 9122, 9123, 9127, 9132, 9133, 9140, 9141, 9150 v2.2, 9150 v2.0, 9210, 9230, 9260
	PCC CPC3000	9250620	Pressure controller communication for WIKA CPC3000. Includes required RS232/USB adapter cable
	PCC CPC4000	9250640	Pressure controller communication for WIKA CPC4000. Includes required RS232/USB adapter cable
	PCC CPC8000	9250650	Pressure controller communication for WIKA CPC8000. Includes required RS232/USB adapter cable
	PPC LPC	9250630	Pressure controller communication for United Instruments LPC. Includes required RS232/USB adapter cable

MC6-Ex - STANDARD ACCESSORIES

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POWER COR	
Part number	8081760
Description	Power cord 1 pc. Select correct model.



PO	WER CORE) FOR US	
Part	t number	8081765	
Des	cription	Power cord 1 pc. Select correct model.	

A	POWER CORE	D FOR UK
Ø	Part number	8081770
	Description	Power cord 1 pc. Select correct model.

POWER CORD FOR AU		
Part number	8081775	
Description	Power cord 1 pc. Select correct model.	

	BC15-EX CHARGER		
	Part number	8075784	
	Description	Charger for MC6-Ex Battery pack type RB-769-EX. Input Voltage 120-240 VAC.	

	NIMH BATTERY PACK		
1 1.0	Part number	8075644	
1	Description	NiMH Battery pack, RB-769-Ex Battery pack for MC6-Ex.	

	USB CABLE		
	Part number	8036700	
9	Description	USB A-B (male-male) cable.	

TEST CLIPS	
Part number	8066810
Description	Test clips type 1, 1 pair.

MC6-Ex - STANDARD ACCESSORIES



	TEST CLIPS								
	Part number	8066811							
	Description	Test clips type 2, 2 pairs.							

	TEST LEAD CU-CU	
	Part number	8036820
	Description	Test lead Cu-Cu.

	TEST LEADS	
	Part number	8066800
	Description	Test leads, 3 pairs.

	USER GUIDE	
	Part number	8861000
	Description	User guide.

-	ACCREDITED CALIBRATION CERTIFICATE	
	Part number	
Cellbration	Description	Accredited calibration certificate included as standard for MC6-Ex and internal/external pressure measurement modules. Thermocouple type K and RTD type Pt100@385 calibrated as standard. For additional T/C/RTD measurement+simulation calibration, see recalibration price list.

MC6-Ex - OPTIONAL ACCESSORIES

	CARRY CASE SOFT	
	Part number	8075904
	Description	Carry case soft, antistatic, Ex-compatible.

	CONNECTOR SET FOR BAREWIRE APPLICATIONS		
	Part number	8066830	
	Description	Connector set for barewire applications, 4 pcs.	

	THERMOCOU	PLE PLUG SET ANSI
	Part number	8036830
	Description	Thermocouple plug set, including: R/S, E, J, K, N, T-types. ANSI.

111111111	THERMOCOUPLE PLUG SET IEC		
	Part number	8036840	
	Description	Thermocouple plug set, including: R/S, E, J, K, N, T-types. IEC.	

O	40 BAR T-HOSE		
	Part number	8009550	
	Description	T-tubing 40 bar (600 psi), incl. junction block + 3 pcs 0.75 m (30 inch) hose with 3x G1/8" BSP female connectors (60° int. cone).	

	40 BAR HOSE		
	Part number	8009560	
	Description	40 bar (600psi) pressure hose 0.75 m with G1/8" BSP female connectors (60° int. cone) at both ends.	

	CONNECTOR 1/8" BSP - 1/8" NPT		
	Part number	7113260	
	Description	Adapter G1/8" BSP male (60° cone) to 1/8" NPT male.	

	CONNECTOR 1/8" BSP - 1/4" NPT		
	Part number	7113300	
	Description	Adapter G 1/8" BSP male (60° cone) to 1/4" NPT male.	

MC6-Ex - OPTIONAL ACCESSORIES



CONNECTOR SET			
Part number	8003100		
Description	1x G1/8" BSP male (60° int. cone) to G1/8" BSP male (60° int. cone) + 1x O-ring, 1x G1/8" BSP male (60° int. cone) to G1/4" BSP female (60° int. cone) + 2x seals, 1x G1/8" BSP male (60° int. cone) to $1/4$ " NPT male.		

	HEX REDUCIN	IG NIPPLE
	Part number	7115025
	Description	G1/8" BSP male (60° int. cone) to G1/4" BSP male. 2 bonded sealing rings included. For conneting EXT160 module to PGHH or PGXH Hydraulic Pump.

	X-LOK CONVE	ERTER
	Part number	8009120
	Description	G1/8" BSP male (60° int. cone) to X-LOK.

2	NPT HIGH PR	ESSURE HOSE SET
	Part number	8003367
	Description	Hose set for high pressure with 1215 fittings (up to 400 bar / 5,800 psi), including 1 m high pressure hose, an adapter to G1/8" BSP (to the INT/PM module) and an adapter to 1/4" NPT (to pressure source). Suitable for P60/100/160 port.

	MC5/MC6 EX	(T CABLE
	Part number	8066770
\bigcirc	Description	Cable, MC6> EXT/EXT-IS.

	BSP HIGH PR	ESSURE HOSE SET
	Part number	8003365
	Description	Hose set for high pressure with 1215 fittings (up to 400 bar / 5,800 psi), including 1 m high pressure hose, an adapter to G1/8" BSP (to the INT/PM module) and an adapter to G1/4" BSP (to pressure source). Suitable for P60/100/160 port.

	HIGH PRESSL	JRE ADAPTER
	Part number	7108650
	Description	1215 to G1/4" BSP Adapter for connecting external high pressure module (EXT60EXT1000) to high pressure hose.

	FF 7/8" CABLE		
	Part number	8081710	
	Description	Test lead set with 7/8" connector for Foundation Fieldbus.	

MC6-Ex - OPTIONAL ACCESSORIES



FF M12 CABLE			
Part number	8081720		
Description	Test lead set with M12 connector for Foundation Fieldbus.		

	PA 7/8" CABLE		
	Part number	8081730	
	Description	Test lead set with 7/8" connector for Profibus PA.	

×O	PA M12 CAB	LE
	Part number	8081740
	Description	Test lead set with M12 connector for Profibus PA.

	ADAPTER CA	BLE FOR REFERENCE THERMOMETER, FEMALE LEMO TO BANANA
	Part number	8120500
	Description	Adapter cable to Beamex RPRT sensors, 6-pin female Lemo to banana plugs.

ADAPTER CA	BLE FOR 2ND RTD CHANNEL, MALE LEMO TO BANANA
Part number	8120510
Description	Adapter cable to MC6 R2-channel or R-model temperature block, Banana plugs to 6-pin male Lemo.

MC6-Ex - SERVICES

9050420
Calibration certificates in digital format (PDF).

-	XPM, EPM, EPM-IS, EXT, EXT-IS RECALIBRATION	
	Order code	9060469
Calibration	Description	Recalibration of external pressure modules; XPM, EPM, EPM-IS, EXT, EXT-IS. For more information and service orders, visit: https://www.beamex.com/services/.

-	XPM, EPM, EPM-IS, EXT, EXT-IS RECALIBRATION FOR USA MARKET	
	Order code	9999704
Calibration	Description	NIST Recalibration of one External Pressure Module for USA Market. For more information and service orders, visit: https://www.beamex.com/services/.

BEAMEX CAF	RE PLAN FOR 36 MONTHS, ONLY AVAILABLE FOR EUROPEAN COUNTRIES
Order code	9050800
Description	Beamex Care Plan for 36 months. Including recalibration and services as specified in the Additional Terms for Beamex Care Plan. More information at: https://www.beamex.com/services/equipment-care-plan/

Order code	9060493
Description	Recalibration of MC6-Ex. Includes an As Found Calibration. If not passed, the unit is adjusted (when possible) and an As Left calibration is carried out without additional charges. For more information and service orders, visit: https://www.beamex.com/services/.

Order code	9060494
Description	Includes recalibration of one internal pressure module in an MC6-Ex. For more information and service orders, visit: https://www.beamex.com/services/.