Wireless/ M2M

a. A. = auf Anfrage

Hersteller / Distributor	Wireless-System/ Komponenten für: Sensor/Aktor-Vernetzung	Steuerungsvernetzung	Standort-Vernetzung	mobile Systeme	sichere Automation (Safety)	Monitoring und Diagnose	Bedienen (HMI)	zustandsorientierte Wartung von Komponenten	unterstützte Standards: WLAN	Bluetooth	USB	WirelessHART	802.15.4	GSM	GPRS	UMTS	proprietäre Funklösung	Kommunikations-Schnittstellen: Feldbusse: Profibus	Interbus	CAN/CANopen	Devicenet/Controlnet	Modbus	Foundation Fieldbus	HART	sonstige	serielle Schnittstellen: USB	V.24	sonstige	Industrial Ethernet: Profinet	Ethernet/IP	Modbus-TCP	Ethercat	Powerlink	sonstige	PC-Card/PCMCIA	PCI/ISA	nutzbare Frequenzbänder: 5-GHz-ISM-Band	2,4-GHz-ISM-Band	902-MHz-ISM-Band (Nord- und Südamerika)	868-MHz-ISM-Band (Europa)	Leistungsdaten: Quality-of-Service-Unterstützung	Security-Funktionen integriert	typ. Update-Zeiten (in ms)	typ. Reichweite (in m)	Stromversorgung: Versorgung integriert	Versorgung extern	Versorgung über Power-over-Ethernet (PoE)
ABB Automation Products, www.abb.de	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●		●		●	●	●							●								●	●	
ads-tec, www.ads-tec.de		●	●	●			●		●	●	●			●	●	●													●	●	●						●	●			●	●	10	50/5000	●		●
Advantech/Messcomp Datentechnik, www.messcomp.com	●	●	●			●			●													●									●															●	
Advantech, www.advantech.de/ea		●				●	●	●	●		●											●				●		●		●	●							●					●		100		●	●
Advantech, National Instruments, Moxa u. a./AMC-Analytik & Meßtechnik, www.amc-systeme.de			●	●		●	●		●	●	●			●	●	●										●																			●	
Antenova, Cinterion, Delta Design u.a./ Avnet Embedded, www.avnet-embedded.eu	●	●	●	●		●	●		●	●	●			●	●	●	●								●	●	●	●		●				●	●	●	●			●	●			●	●	●
Artaflex, Atmel, Cypress u.a./ MSC Vertrieb, www.msc-ge.com	●	●		●		●	●	●	●	●	●		●	●	●		●									●		●							●	●		●	●	●				0,5/5000	●	●	
Avago, Atmel, Amber Wireless u. a./ Farnell, www.farnell.de	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●			●			●	●	●	●	●	●	●					●	●	●	●	●		●	●			●	●	●
Banner Engineering/Hans Turck, www.turck.com	●	●		●		●											●					●							●	●	●							●	●				62	2000	●	●	
Beckhoff Automation, www.beckhoff.de	●	●	●	●					●				●					●	●	●	●	●			●	●	●	●	●	●	●	●		●				●				●		>10	300		●	
Binder, Harting, Tyco Electronics/ Börsig, www.boersig.com	●	●	●	●	●				●	●	●	●						●	●	●					●				●	●	●	●	●	●	●												
Cinterion, Digi, Silex u.a./Hy-Line Communication, www.hy-line.de/communication	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●					●	●	●	●		●				●	●			●	●	●	●	●	●		5000	●	●	
connect Blue, Connect One, Enfora u.a./ SE Spezial-Electronic, www.spezial.com	●	●	●	●	●	●	●	●	●	●			●	●	●										●		●	●	●	●				●			●	●			●	●		10/400		●	
Conradt Mess- und Regeltechnik, www.conradt.com	●	●			●	●											●										●			●									●	●			10/ 20000	10/ 1300	●	●	●
diverse/ACC electronic Huth, www.huth.net	●	●	●	●		●	●		●	●	●														●	●	●			●								●					●			●	●	●
Dr. Neuhaus, www.neuhaus.de	●	●	●	●	●	●	●	●						●	●	●									●		●			●													●			●	
Elan Schaltelemente, www.elan.de				●	●	●	●										●										●																		200	●		
esd electronic system design, www.esd.eu	●	●				●	●	●			●						●			●	●				●													●					<1	10/25		●	
eWON sa/Wachendorff Prozesstechnik, www.wachendorff.de		●	●	●		●	●	●						●	●	●		●				●			●		●	●	●	●										●	●					●	
FMN communications, www.fmn.de	●	●	●	●										●	●	●	●								●		●			●																	●	●
Gesytec, www.gesytec.de	●					●								●			●					●						●		●																	●	●	
Harting Deutschland, www.harting-deutschland.de	●	●	●															●		●		●				●			●	●	●	●	●																●
Hirschmann Automation, www.hirschmann.de		●	●	●	●	●	●	●	●																		●			●	●	●	●	●				●	●					1/20000		●	●
Hirschmann, Phoenix Contact, Harting u. a./ Mütron Müller, www.muetron.de	●	●	●	●	●	●	●	●	●	●				●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			●	●			●	●		<1000	●	●	●
HMS Industrial Networks, www.anybus.de						●		●						●	●								●					●																	●	1000		●	
Hydac Electronic, www.hydac.com	●					●		●						●											●																						●	
Hy-Line Automation, www.hy-line.de/automation		●	●	●	●		●	●	●		●			●	●	●						●			●	●	●	●		●	●			●			●	●		●						●	●

Wireless/ M2M

a. A. = auf Anfrage

Hersteller / Distributor	Wireless-System/ Komponenten für								unterstützte Standards									Kommunikations-Schnittstellen																		nutzbare Frequenzbänder				Leistungsdaten				Stromversorgung		
																		Feldbusse								serielle Schnitt-stellen			Industrial Ethernet																			
	Sensor/Aktor-Vernetzung	Steuerungsvernetzung	Standort-Vernetzung	mobile Systeme	sichere Automation (Safety)	Monitoring und Diagnose	Bedienen (HMI)	zustandsorientierte Wartung von Komponenten	WLAN	Bluetooth	USB	WirelessHART	802.15.4	GSM	GPRS	UMTS	proprietäre Funklösung	Profibus	Interbus	CAN/CANopen	Devicenet/Controlnet	Modbus	Foundation Fieldbus	HART	sonstige	USB	V.24	sonstige	Profinet	Ethernet/IP	Modbus-TCP	Ethercat	Powerlink	sonstige	PC-Card/PCMCIA	PCI/ISA	5-GHz-ISM-Band	2,4-GHz-ISM-Band	902-MHz-ISM-Band (Nord- und Südamerika)	868-MHz-ISM-Band (Europa)	Quality-of-Service-Unterstützung	Security-Funktionen integriert	typ. Update-Zeiten (in ms)	typ. Reichweite (in m)	Versorgung integriert	Versorgung extern	Versorgung über Power-over-Ethernet (PoE)
iCognize, www.icognize.de	●	●		●		●			●	●	●		●	●	●	●	●								●	●	●	●	●	●	●	●	●	●	●			●	●	●					●	●	●
IEI/Comp-Mall, www.comp-mall.de	●	●	●		●	●	●	●	●	●	●				●	●		●		●						●	●			●	●									●						●	●
Insys Microelectronics, www.insys-tec.de			●	●		●	●	●	●	●	●			●	●	●										●	●			●							●				●					●	
Intronico, www.intronico.de						●			●	●															●				●								●							10		●	
Jennic/Scantec, www.scantec.de	●	●						●					●				●								●		●	●									●					●				●	
K.A. Schmersal, www.schmersal.com				●	●	●	●						●				●										●													●				200	●		
Kontron/next system, www.nextsystem.at				●			●		●	●	●			●	●	●										●				●		●		●	●		●	●							●		●
Lancom, Moxa/RubyTech Deutschland, www.rubytech.de	●	●	●	●	●	●	●	●	●	●	●			●	●	●		●		●		●			●	●	●					●		●	●	●	●	●	●				300/ 4000		●	●
Lead Deutschland, www.lead.de	●	●	●	●	●	●	●	●	●	●	●									●						●	●	●		●					●	●					●	●			●	●	●
Marvell, RFM, Nordic Semiconductor/Nu Horizons Electronics, www.nuhorizons.com	●	●	●	●					●		●						●	●	●	●					●	●	●	●								●	●	●	●	●	●	1	200		●	●
Microsoft Gold Partner/Keith & Koep, www.keith-koep.com	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●		●					●	●	●		●	●			●			●	●		●					●	●	
Moxa Europe, www.moxa.com		●	●	●					●	●	●			●	●							●				●				●					●	●	●			●					●	●	●
Nanotron, NEC/Gleichmann, www.msc-ge.com	●	●	●	●			●						●				●								●		●	●									●						a.A.	>600		●	
NetModule/Sphinx Computer, www.sphinxcomputer.de	●	●	●	●		●	●	●	●					●	●	●												●		●							●	●							●	
NetModule, www.netmodule.com	●	●		●		●	●		●					●	●	●		●		●	●						●	●	●										●		●	●			●	●	●
N-Tron/Primation Systemtechnik, www.primation.de		●	●	●	●	●	●		●																			●	●	●	●	●	●			●	●			●	●		100		●	●
Phoenix Contact, www.phoenixcontact.com		●	●	●	●	●	●	●	●	●		●		●	●		●	●	●	●	●	●	●	●				●	●	●						●	●	●		●	●	>5	<3000		●	●
Pilz, www.pilz.com	●			●													●	●	●	●	●			●				●									●				●	2	10/1000	●	●	
Psion Teklogix, www.psion-teklogix.de				●					●	●	●			●	●	●	●								●		●		●					●	●	●	●	●	●	●					●	●	●
R. Stahl Schaltgeräte, www.stahl.de	●		●			●	●		●			●		●	●									●	●			●			●		●			●	●				●				●	●
Rafi, www.rafi.de							●		●	●	●						●	●	●	●					●	●	●				●							●		●					●	●	
RS Components, www.rsonline.de		●		●		●	●		●					●	●			●		●					●																				●	●	
Schildknecht, www.schildknecht.info	●	●		●	●	●	●	●	●	●			●	●	●		●	●									●	●	●							●	●	●	●	●	●	15	400/3000	●	●	
Sena Technologies/Hantz + Partner, www.hantz.com	●	●		●		●	●		●	●	●			●	●	●		●		●					●	●	●		●			●			●	●			●		●				●	●	●
Siemens, www.siemens.de/automation	●	●	●	●	●	●	●		●			●		●	●			●										●							●	●	●	●	●	●	16	100		●	●
Sorcus Computer, www.sorcus.com	●	●		●		●			●		●							●		●					●	●	●										●					4	300	●	●	
Sparklan, Zensys, Elan/MEV Elektronik Service, www.mev-elektronik.com	●	●	●	●	●	●	●	●	●	●							●								●	●		●		●				●	●	●	●	●	●	●	●	1	100	●	●	●
taskit, www.taskit.de	●	●	●	●			●					●		●	●	●	●	●							●	●		●		●									●	●					●	
vKD Mess- und Pruefsysteme, www.vkd-gmbh.de		●	●	●	●		●	●						●	●		●	●				●					●		●	●													500	10000		●	
Wago Kontakttechnik, www.wago.com	●	●	●	●		●		●		●				●	●			●	●	●	●	●		●				●	●	●			●				●		●	●	●		10	<1000	●		
Wavecom, Enocean, Devolo u. a./ Secos Semiconductors, www.secos.ch	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●								●	●	●			●					●	●			●	●	●				●	●	
Weidmüller, www.weidmueller.de	●								●	●				●	●			●											●	●	●																	