

SIEMENS

Cordiali saluti

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Spett.le
Prof. Ceare Molinari
Dirigente
IIS Gae Aulenti

Oggetto: Offerta n°SIE_CA_12/2019–Laboratorio di Automazione

Spett.le Professor Cesare Molinari,

di seguito ricevete nostra migliore offerta per quanto in oggetto .

Laboratorio Automazione IIS Gae Aulenti Biella

Preventivo fornitura Materiale

Kit 6 Postazioni Basic

Dispositivo	qta	Codice	Descrizione
S7-1200	2	6ES7215-1BG40-4AB1	training pack CPU 1215C AC/DC/RLY, Consisting of: 6x S7-1200 CPU 1215C AC/DC/RLY, 6x STEP 7 Basic Single License, 6x RJ45 cable, Length 6m, for educational purposes only

Prezzo Kit 6 Postazioni : 2.760 euro (iva esclusa)

Aula Formazione

Dispositivo	qta	Codice	Descrizione
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STEP 7 V15	2	6ES7822-1BA05-4YA5	SIMATIC STEP7 Professional V15/2017 Combo Trainer Pack; STEP 7 Professional Combo, Safety Combo, S7-PLCSIM Advanced, OPC UA, Cloud Connector Floating license for 6 users; SW and documentation on DVD, Class A, license key on USB flash drive; 6 languages: de,en,fr,es,it,zh; executable in Windows 7 (64 bit), Windows 10 (64 bit); for configuring of SIMATIC S7-1500/1200/300/400/WinAC, SIMATIC Basic Panels; 1 x software for 20 students V15 (6ES7822-1AC05-4YA5), only for training purposes
Dispositivo	qta	Codice	Descrizione
SIMATIC HMI WinCC Advanced	2	6AV2102-0AA05-0AS5	SCE Trainer Package HMI WinCC Advanced V15 / WinCC flexible Advanced 2008 Content: SW and documentation on DVD, 6-unit license on USB stick, for WinCC Advanced V15/ WinCC flexible Advanced 2008 Engineering, Runtime, Options; 1x software for 20 students (6AV2102-0AA05-0AS7) for educational purposes only

Prezzo Aula Formazione : 1.830 euro (iva esclusa)

Banco didattico con componentistica cablata per Microautomazione

Dispositivo	qta	Codice	Descrizione
Basic Panel	1	6AV2107-0CR00-0BB0	SIMATIC WinCC Sm@rtServer for SIMATIC Basic Panels, Option for WinCC ab V14; Runtime software in TIA Portal; Single License; without software a. documentation; license key on USB stick; Class A
	1	6AV2123-2DB03-0AA1	training pack KTP400 Basic/XB005 , consisting of: 1x KTP400 Basic, 1x SCALANCE XB005 unmanaged IE switch, 2x RJ45 cables, Length 6m, 1x WinCC Basic (TIA Portal) for educational purposes only
Dispositivo	qta	Codice	Descrizione
LOGO!	1	6ED1057-3SA20-0YA1	LOGO! 8 training package 12/24RCE with : 6 units LOGO! 12/24RCE 6 LOGO! DM8 12/24R, 6 LOGO! SOFT Comfort, 6 languages de, en, fr, es, it, zh, executable in Windows XP (32 bit), Windows 7 (32&64 bit), Windows 8 (32&64 bit), MAC OS x, Linux, reference hardware: LOGO! for educational purposes only
	1	6ED1055-1MA00-0BA2	LOGO! AM2 expansion module , PS/: 12/24 V DC, 2 AI, 0-10 V or 0/4-20 mA for LOGO! 8
	1	6ED1055-1MD00-0BA2	LOGO! AM2 RTD expansion module , PS: 12/24 V DC, 2AI-50...+200°/C Pt100/1000 for LOGO! 8
	1	6ED1055-1MM00-0BA2	LOGO! AM2 AQ expansion module , PS: 24 V DC, 2 AO, 0-10 V, 0/4-20 mA for LOGO! 8
	1	6ED1055-1NB10-0BA2	LOGO! DM16 24R expansion module , PS/I/O: 24 V DC/24 V DC/relay, 8 DI/8 DO, 4 MW for LOGO! 8
	6	6EP3333-6SB00-0AY0	LOGO!POWER 24 V / 4 A Stabilized power supply input: 100-240 V AC output: DC 24 V / 4 A
	1	6GK7177-1MA20-0AA0	LOGO! CSM12/24 Compact Switch Module connection of a LOGO! (...0BA7/...0BA8) and up to 3 further nodes to Ind. Ethernet with 10/100 Mbit/s Unmanaged switch, 4 RJ45 ports, 1x front port

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			for diagnostics DC 12/24V power supply LED diagnostics, LOGO! setup
Dispositivo	qta	Codice	Descrizione
Convertitore SINAMICS	1	6SL3210-5BB21-1AV0	SINAMICS V20 200-240V1AC-10/+10% 47-63Hz Rated power 1.1 kW with 150% overload for 60 sec. Integrated filter C2 I/O interface: 4 DI, 2 DO, 2 AI, 1 AO Fieldbus: USS/MODBUS RTU with built-in BOP Degree of protection IP20/UL Op Variable: FSB 140x 160x 165 (BxHxD)
	1	6SL3255-0VA00-5AA0	SINAMICS V20 SMART ACCESS WEB SERVER MODULE
		1LE1001-0EB02-2AA4	SIMOTICS GP Motor type: 1AV2090B Low-voltage motor, IEC Squirrel-cage rotor, self-ventilated, IP55 Temperature class 155(F) according to 130(B) aluminum housing High Efficiency IE2, In EEA: Minimum efficiency acc. To applicable statutory regulations to be considered! (as of 01.01.2017) 4-pole * Size 90S * 1.1kW (50 Hz) 1.27kW (60 Hz) 3 AC 50 Hz 230 VD/400 VY * 3 AC 60 Hz 460 VY IM B 3, without motor protection Terminal box at top

Prezzo Banco MicroAutomazione : 1.800 euro (iva esclusa)

Banco didattico con componentistica cablata per Automazione di Base

Dispositivo	qta	Codice	Descrizione
Basic Panel	1	6AV2107-0CR00-0BB0	SIMATIC WinCC Sm@rtServer for SIMATIC Basic Panels , Option for WinCC ab V14; Runtime software in TIA Portal; Single License; without software a. documentation; license key on USB stick; Class A
	1	6AV2123-2GB03-0AA1	training pack KTP700 Basic/XB005 , consisting of: 1x KTP700 Basic, 1x SCALANCE XB005 unmanaged IE switch, 2x RJ45 cables, Length 6m, configurable from WinCC Basic V13/ STEP 7 Basic V13, contains open-source software, which is provided free of charge see enclosed CD for educational purposes only
Dispositivo	qta	Codice	Descrizione
Convertitore SINAMICS	1	6SL3054-4AG00-2AA0	SINAMICS SD-CARD 512 MB empty
	1	6SL3210-1KE17-5AF1	SINAMICS G120C RATED POWER 3,0KW WITH 150% OVERLOAD FOR 3 SEC 3AC380-480V +10/-20% 47-63HZ INTEGRATED FILTER CLASS A I/O-INTERFACE: 6DI, 2DO,1AI,1AO SAFE TORQUE OFF INTEGRATED FIELDBUS: PROFINET-PN PROTECTION: IP20/ UL OPEN TYPE SIZE: FSA 196X73X225,4(HXWxD) EXTERNAL 24V
	1	6SL3255-0AA00-4CA1	SINAMICS G120 Basic Operator Panel (BOP-2)
Dispositivo	qta	Codice	Descrizione
ET 200SP	1	3NJ6920-3BB11	Accessory for Switch disconnecter with fuses In-line design, pluggable current transformer 50/1 A, Cl. 1, 1 VA
	1	6ES7134-6JD00-0CA1	SIMATIC ET 200SP , Analog input module, AI 4xRTD/TC High Feature, suitable for BU type A0, A1, Color code CC00, channel diagnostics, 16 bit, +/-0.1%, 2-/3-/4-wire
	1	6ES7134-6PA20-0BD0	SIMATIC ET 200SP , Analog input module, AI Energy Meter 480V AC ST, suitable for BU type D0, channel diagnostics
	1	6ES7135-6HD00-0BA1	SIMATIC ET 200SP , Analog output module, AQ 4XU/I Standard, suitable for BU type A0, A1, Color code CC00, Module diagnostics, 16 bit, +/-0.3%
	1	6ES7138-6BA00-0BA0	SIMATIC ET 200SP , TM POSINPUT 1 Counter and position detection module for RS422 incremental encoder or SSI absolute value encoder, 2 DI, 2DQ

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	1	6ES7155-6AU00-0BN0	SIMATIC ET 200SP , PROFINET interface module IM 155-6PN Standard, max. 32 I/O modules, incl. server module
	1	6ES7193-6AR00-0AA0	SIMATIC ET 200SP , BusAdapter BA 2xRJ45, 2 RJ45 sockets for PROFINET
	2	6ES7193-6BP00-0DA0	SIMATIC ET 200SP , BaseUnit BU15-P16+A0+2D, BU type A0, Push-in terminals, without AUX terminals, New load group, WxH: 15x 117 mm
	2	6ES7193-6BP00-0BA0	SIMATIC ET 200SP , BaseUnit BU15-P16+A0+2B, BU type A0, Push-in terminals, without AUX terminals, bridged to the left, WxH: 15x 117 mm
	1	6ES7193-6BP00-0BD0	SIMATIC ET 200SP , BaseUnit BU20-P12+A0+0B, BU type D0, Push-in terminals, without AUX terminals, bridged to the left, WxH: 20 mmx117 mm
	1	6ES7193-6SC00-1AM0	SIMATIC ET 200SP , 5 shield terminals and 5 shield supports, for direct connection
	1	7MH4900-1AK01	Service and commissioning software SIWATOOL V4 and V7 for SIWAREX weighing modules
	1	7MH4138-6AA00-0BA0	SIWAREX WP321 WEIGHING ELECTRONIC (1 CHANNEL) FOR STRAIN GAUGE LOAD CELLS / FULL BRIDGES (1-4 mV/V) FOR SIMATIC ET200SP, FITS to BU-TYPE A0, RS485- INTERFACE FOR CONNECTION OF SIWATOOL OR A REMOTE DISPLAY
	1	7MH4702-8AG	LI2Y 2X0,75ST + 2 (2X0,34ST) - CY , SHEATH ORANGE, SPECIAL CABLE FOR CONNECTION SIWAREX MODULE TO JB JUNCTION BOX AND DISTRIBUTION BOX OR IB INTERMEDIATE BOX AS WELL AS BETWEEN TWO IB'S FOR PERMANENT ON-SITE INSTALLATION;OCCASIONAL BENDING POSSIBLE. 10.8 MM OUTER DIAMETER AMBIENT TEMPERATURE -40 TO +80 CEL
	1	7MH4710-1BA	JUNCTION BOX SIWAREX JB DIE-CAST ALUMINIUM QUALITY TO CONNECT IN PARALLEL UP TO 4 LOAD CELLS IN 4-WIRE OR 6-WIRE SYSTEM DEGREE OF PROTECTION: IP 66 DIMENSIONS IN MM:220 X 120 X 81
Dispositivo	qta	Codice	Descrizione
S7-1200	1	6AT8002-4AB00	SIPLUS CMS2000 VIB-Sensor S01 "Vibration sensor;" Frequency range 0.5 Hz to "15 kHz; measuring range 50G;"sensitivity 100 mV/G "(+/-10%); MIL connector top"
	1	6AT8002-4AC03	" SIPLUS CMS2000 cable MIL-300;"Connecting cable for connection of VIB sensors with "MIL connectors; Length=3.00 m"
	1	6AT8007-1AA10-0AA0	SIPLUS CMS1200 SM1281 Condition monitoring for SIMATIC S7-1200 "4 IEPE vibration channels;" 1 digital input for rotational speed acquisition
	1	6AT8007-1AA20-0AA0	SIPLUS CMS1200 SM1281 "Shield bracket set;" for the EMC-compliant connection of cables to the SM1281 Packing unit with 2 units
	1	6EP1332-1SH71	SIMATIC S7-1200 Power Module PM1207 Stabilized power supply input: 120/230 V AC, output: DC 24 V/2,5 A
	1	6ES7214-1HF40-0XB0	SIMATIC S7-1200F, CPU 1214 FC, compact CPU , DC/DC/relay, onboard I/O: 14 DI 24 V DC; 10 DO relay 2 A; 2 AI 0-10 V DC, Power supply: DC 20.4-28.8V DC, Program/data memory 125 KB
	1	6ES7226-6BA32-0XB0	SIMATIC S7-1200, Digital input SM 1226 , F-DI 16X 24 V DC, PROFI-safe, 70 mm overall width, up to PL E (ISO 13849-1)/ SIL3 (IEC 61508)
	1	6ES7226-6DA32-0XB0	SIMATIC S7-1200, Digital output SM 1226 , F-DQ 4x 24 V DC 2A, PROFI-safe, 70 mm overall width, up to PL E (ISO 13849-1)/ SIL3 (IEC 61508)
	1	6ES7231-5ND32-0XB0	SIMATIC S7-1200, Analog input, SM 1231 , 4 AI, +/-10 V, +/-5 V, +/-2.5 V, +/-1.25 or 0-20 mA/4-20 mA, 15 bit+sign bit

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	1	6ES7231-5QD32-0XB0	SIMATIC S7-1200, Analog input, SM 1231 TC, 4 AI thermocouples
	1	6ES7234-4HE32-0XB0	SIMATIC S7-1200, analog I/O SM 1234, 4 AI/2 AO, +/-10 V, 14-bit resolution or 0 (4)-20mA, 13-bit resolution
Dispositivo	qta	Codice	Descrizione
SIMATIC NET – IWLAN	1	6GK1950-0BB14	Trainer Package IWLAN Bundle Consisting of: 1x SCALANCE W774-1 RJ45 2x SCALANCE W734-1 RJ45, 6x IWLAN antennas ANT 795-4mA 1x Key-Plug W780 2xKey-Plug W740 for educational purposes only only

Prezzo Banco Automazione Base : 5.350 euro (iva esclusa)

Banco didattico con componentistica cablata per l'Automazione spinta

Dispositivo	qta	Codice	Descrizione
ET 200SP	1	6ES7131-6BF00-0DA0	SIMATIC ET 200SP, digital input module, DI 8x 24 V DC High Speed, Pack quantity: 1 unit, three alternative operating modes: DI, Oversampling, 4x counters, suitable for BU type A0, Color code CC01
	1	6ES7132-6BD20-0DA0	SIMATIC ET 200SP, digital output module, DQ 4x 24 V DC/2A High Speed, Pack quantity: 1 unit suitable for BU type A0, Color code CC00, 3 alternative operating modes: DQ, Oversampling, PWM Module diagnostics
	1	6ES7134-6HB00-0DA1	SIMATIC ET 200SP, Analog input module, AI 2x U/I 2-.4-wire High Speed, suitable for BU type A0, A1, Color code CC00, channel diagnostics, 16 bit, +/-0.3%
	1	6ES7135-6HB00-0DA1	SIMATIC ET 200SP, Analog output module, AQ 2x U/I High Speed, suitable for BU type A0, A1, Color code CC00, channel diagnostics, 16 bit, +/-0.2%
	1	6ES7136-6PA00-0BC0	SIMATIC DP, POWER M. F-PM-E PPM PROFIsafe, for ET 200SP; 24 V DC safe shutdown of DQ and F-DQ up to PL D/SIL2 or PL E/SIL3 2 for safe dig. inputs 1 for safe dig. output PPM
	1	6ES7138-6AA00-0BA0	SIMATIC ET 200SP, TM count 1x 24V Counter module, 1 channel for 24 V incremental or encoder, 3 DI, 2 DQ
	1	6ES7138-6BA00-0BA0	SIMATIC ET 200SP, TM POSINPUT 1 Counter and position detection module for RS422 incremental encoder or SSI absolute value encoder, 2 DI, 2DQ
	1	6ES7138-6CG00-0BA0	SIMATIC ET 200SP, TM timer DIDQ 10x 24V time-controlled digital inputs and outputs 4 DI, 6DQ with time stamp Count, PWM, oversampling
	1	6ES7155-6AU00-0DN0	SIMATIC ET 200SP, PROFINET interface module IM155-6PN High Speed max. 30 I/O modules, 0.125 ms isochronous mode Multi-hotswap, incl. server module
	1	6ES7193-6AR00-0AA0	SIMATIC ET 200SP, BusAdapter BA 2xRJ45, 2 RJ45 sockets for PROFINET
	3	6ES7193-6BP00-0BA0	SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2B, BU type A0, Push-in terminals, without AUX terminals, bridged to the left, WxH: 15x 117 mm
	4	6ES7193-6BP00-0DA0	SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2D, BU type A0, Push-in terminals, without AUX terminals, New load group, WxH: 15x 117 mm
	1	6ES7193-6BP20-0DC0	SIMATIC ET 200SP, BaseUnit BU20-P6+A2+4D, BU type C0, Push-in terminals, with 2 AUX terminals, New load group, WxH: 20 mmx117 mm
Dispositivo	qta	Codice	Descrizione

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Ident Transponder_2	50	6GT2600-4AD00	Transponder MDS D400 for RF200/RF300 ISO/MOBY D PVC ISO card, ISO 15693, Chip type FUJITSU MB89R118, 2000 byte FRAM user memory 85x 54x 0.8 mm (LxWxH); Minimum order quantity 50 units
Panel ipc 277E	1	6AV7882-0DB20-2BF0	SIMATIC IPC277E (Nanopanel PC) ; 15" Touch TFT; 2x 0/100/1000 Mbps Ethernet RJ45; 1x display port graphic; 1x USB 3.0; 3x USB 2.0; 1x serial (COM 1); CFast slot; 24 V DC power supply; 1x front-USB Celeron N2930 (4C/4T) 4 GB RAM; WIN Embedded Standard 7E SP1, English; 64 bit 80 GB SSD; WinCC RT Advanced V14, 2048PT; WinCC RT Adv. V15 license package; WinCC Recipes + Logging;
RFID Reader	1	6GT2831-6AA50	SIMATIC RF200 Access control reader RF1060R ; ISO 14443 A/B Mifare, ISO15693 USB interface; IP65 front, -25 to +55 °C; 90 x 62 x 25 mm LxWxH; with integrated antenna, incl. 1.8 m connecting cable
	1	6GT2890-0CA00	SIMATIC RF200 Card holder for RF1060R Access control reader for clipping in
	1	6GT2891-0UE50	SIMATIC RF200 USB connecting cable for RF1060R 6GT2831-6AA50; length 0.5m;
S7-1500	1	6EP1332-4BA00	SIMATIC PM 1507 24 V/3 A Stabilized power supply for SIMATIC S7-1500 input: 120/230 V AC, output: 24 V DC/3 A
	1	6ES7515-2UM01-0AB0	SIMATIC S7-1500T, CPU 1515TF-2 PN , Central processing unit with work memory 750 KB for program and 3 MB for data, 1st interface: PROFINET IRT with 2-port switch, 2nd interface, Ethernet, 30 ns bit performance, SIMATIC Memory Card required
	1	6ES7590-1AB60-0AA0	SIMATIC S7-1500, mounting rail 160 mm (approx. 6.3 inch); incl. grounding screw, integrated DIN rail for mounting of incidentals such as terminals, automatic circuit breakers and relays
	1	6ES7954-8LL03-0AA0	SIMATIC S7, MEMORY CARD FOR S7-1X00 CPU , 3,3 V FLASH, 256 MBYTE
ScalanceXC200	1	6GK5208-0BA00-2AC2	Trainer package switch technology XC-208 consisting of: 1x SCALANCE XC208 1x C-PLUG for educational purposes only
Dispositivo	qta	Codice	Descrizione
SIMATIC NET – IWLAN	1	6GK1950-0BB14	Trainer Package IWLAN Bundle Consisting of: 1x SCALANCE W774-1 RJ45 2x SCALANCE W734-1 RJ45, 6x IWLAN antennas ANT 795-4mA 1x Key-Plug W780 2xKey-Plug W740 for educational purposes only only
Dispositivo	qta	Codice	Descrizione
S120	2	6SL3080-8AE01-0AA0	SINAMICS S120 AC/AC TRAINER PACKAGE 3 AC 380-480V , CONSISTING OF: CONTROL UNIT CU310-2 PN POWER MODUL PM240-2 FSA W/O FIL 2,2A; 0,75KW LO LOW OVERLOAD 1,7A; 0,55KW HO HIGH OVERLOAD BASIC OPERATOR PANEL BOP20 COMPACT FLASH CARD INKL. SAFETY LIZENZ DBSI (F01) SOFTWARE: STARTER ON DVD ENGINEERING SYSTEM SINAMICS DCC FOR EDUCATIONAL PURPOSES ONLY
	2	1FK7022-5AK21-1VA3	SIMOTICS S Synchronous servo motor 1FK7 Compact , DC link 300V 0.85Nm, 100K, 6000rpm 0.38kW, Naturally cooled Power/signal connectors Connector can be rotated by

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			270° FRAME SIZE IMB 5 (IM V1, IM V3) FLANGE 1 BASIC ABSOLUTE ENCODER 16 P/REV (ENCODER A-16) WITH DRIVE-CLIQ INTERFACE; PERFORMANCE REDUCTION BY 10% DUE TO ABSOLUTE ENCODER; SHAFT WITH FITTED KEY, TOLERANCE N; W/O HOLDING BRAKE DEGREE OF PROTECTION IP64; PAINT FINISH RAL7016
	2	6FX5002-5CG10-1AB0	Power cable pre-assembled 4x 1.5 C SPEED-CONNECT connector Sz. 1 (SINAMICS AC Drive) UL/CSA DESINA MOTION-CONNECT 500 Dmax=8.4 mm TYPE: 6FX5002-5CG10 LENGTH (M) = + 0 + 0 + 1 + 0
	2	6FX5002-2DC10-1AB0	Signal cable pre-assembled type: 6FX5002-2DC10 (SINAMICS Drive CLiQ) connector IP20/IP67, with 24 V MOTION-CONNECT 500 Length (m)= 0 + 0 + 1 + 0

Prezzo Banco Automazione spinta : 9.620 euro (iva esclusa)

Materiale Industry 4.0

Dispositivo	qta	Codice	Descrizione
ITP1000 - Industrial Tablet PC	1	6AV7880-0HA22-1AA2	SIMATIC ITP1000, 10" Multitouch (1.280 x 800), 8 function keys, Ethernet 10/100/1000 Mbit/s, 1x RS232, 2x USB 3.0, 1x UAJ, 1x USB type-C, 1x SD card reader, Wifi 802.11 a/b/c/g, Bluetooth, Rechargeable battery 5,900 mAh, Kensington security slot Camera, RFID and barcode reader; 256 GB SSD; Windows 10 Industry, 64 bit; Core I5-6442EQ; 8 GB RAM; 110/230 V AC power supply unit, Power supply cable for Europe; without software (included);

Dispositivo	qta	Codice	Descrizione
SITOP PSU8600	1	6EP3437-8MB00-2CY0	SITOP PSU8600 40 A/4x10 A PN Regulated power supply input: 400-500 V 3 AC output: 24 V DC/40 A/4x 10 A with PN/IE connection Web server integrated OPC UA server integrated
	1	6EP4293-8HB00-0XY0	SITOP BUF8600 4s Buffer module for PSU8600 Buffer capacity 4 s/40 A with dual-layer capacitors maintenance-free
	1	6EP4437-8XB00-0CY0	SITOP CNX8600 4x10 A Extension module for PSU8600 output: 24 V DC/4x 10 A
Dispositivo	qta	Codice	Descrizione
IOT2000	1	6ES7647-0AA00-1YA2	SIMATIC IOT2040 , 2x 10/100 Mbit/s Ethernet RJ45; 1x USB2.0, 1x USB client; SD CARD slot; 24 V DC industrial power supply
	1	6ES7647-0KA01-0AA2	SIMATIC IOT2000 Input/output Modul, 5x DI 2x AI 2x DO, ARDUINO Shield for SIMATIC IOT2020 and IOT2040,
	1	6ES7671-0LE00-0YB0	SIMATIC S7 Software Controller IOT2000EDU , group license for training centers, 100 licenses, R-SW, HSP and documentation, license sticker, 2 languages (de,en), executable on IOT2020 and IOT2040, only for training purposes
Dispositivo	qta	Codice	Descrizione
SIMATIC NET Industrial Security Switch Technologies	1	6GK1950-0BB13	Trainer package Remote Service LAN kit consisting of: 1x SINEMA RC virtual-appl., 1x SINEMA RC upgrade 64, 8x SINEMA RC client, 1x SCALANCE S615 LAN router, 1x KEY-PLUG SINEMA RC, 1x Ethernet cord RJ45/RJ45 6m for educational purposes only
Dispositivo	qta	Codice	Descrizione

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MindSphere_2	1	9AC2112-8BA12-0KA1	MindConnect Nano is a Device for data acquisition via different protocols and permits the transfer of this data to MindSphere. The device supports the transmission of encrypted data over a secure Internet connection, to enable cloud-based Application and Services MindConnect Nano, according to the product data sheet containing special conditions, can only be used in connection with MindSphere.
	1	9AC2112-0AA00-1YA2	MindConnect IoT2040 is a Device for data acquisition via different protocols and allows the transfer of Data to MindSphere. The device supports the transmission of encrypted data over a secured Internet connection to enable cloud-based applications and services. MindConnect IoT2040 according to the product data sheet containing special Conditions can only be used in connection with MindSphere.
Dispositivo	qta	Codice	Descrizione
FASTCONNECT cable set	1	6GK1950-0BB00	Trainer Package FastConnect Connection system bundle Consisting of: 1x IE FC Stripping tool 2x IE FC RJ45 Plug 180 4x IE FC RJ45 Plug 90 1x IE FC M12 plug PRO 50m IE FC TP Flexible Cable 1x IE Power M12 Cable Connector 2x IE TP XP Cord RJ45/RJ45 (6 m) for educational purposes only only

Prezzo applicazioni Industria 4.0 : 5.120 euro (iva esclusa)

Prezzo Totale Progetto Lab Automazione : 26.480 euro (iva esclusa)

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