

900MHz Unidirectional Transmitter/Receiver Kits

Special Price from \$1499.00

The Unidirectional Wireless I/O range of products is ideal for connecting to a single sensor or group of sensors and provides an economical solution for monitoring remote systems.

- Frequency hopping spread spectrum 902-928MHz 1W license-free USA/Canada/Mexico
- Class 1 Div 2 hazardous areas approval

Matched transmitter/receiver pair of modules

- Two digital/pulse inputs, one analog input and one thermocouple mV input
- Three digital contact outputs and one analog output
- P1 kit with two -2dB Dipole antennas with 3ft. connecting cable/bracket and one configuration cable
- P2 kit with two 0dB Dipole antennas, two 15ft. antenna connecting cables/brackets and one configuration cable



Catalog #	Description	Regular Price	Special Price
6720005007	WH/O 9-L-P1	\$1585.70 ea.	\$1499.00 ea.
6720005008	WH/O 9-L-P2	\$1724.30 ea.	\$1629.00 ea.



QUOTATION #Q3-2013

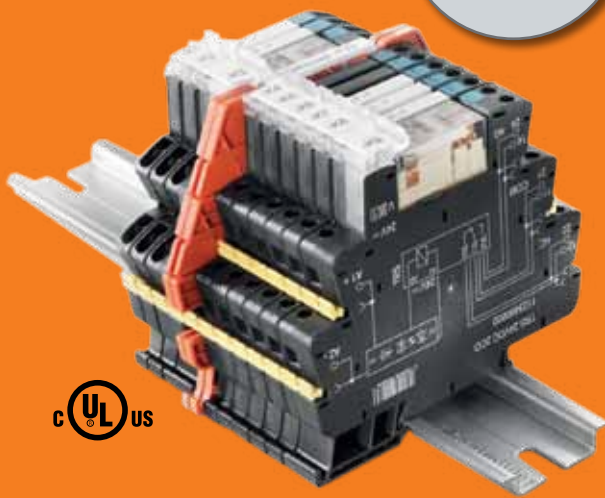
This number must appear on purchase order to receive special prices.

Valid from July 1st until September 30th, 2013

Q-Specials 2013

3rd Quarter

Special Price from \$15.00



TERMSERIES Optocouplers - The All-rounder

Screw clamp optocoupler modules in 6.4mm width

- Uniform profile across the entire range
- All five connection points cross-connectable via plug-in jumper combs
- High visibility LED indication via ejector lever
- Economical 24Vdc input version
- 120Vac leakage immune version up to 2.5mA
- Unique wide ranging input version 24-230V ac or dc
- More than 200 versions available - relays & solid state optos - screw clamp & tension clamp connections - single & double width - 5 to 230V ac & dc inputs
- Complete set of accessories

Catalog #	Description	Regular Price	Special Price
1126940000	TOS 24VDC 48VDC0,1A	\$20.80 ea.	\$15.00 ea.
1127170000	TOS 24VDC 24VDC2A	\$25.50 ea.	\$19.00 ea.
1127410000	TOS 24VDC 230VAC1A 6.4mm	\$29.70 ea.	\$22.00 ea.
1127000000	TOS 120VAC RC 48VDC0,1A	\$31.70 ea.	\$23.00 ea.
1127230000	TOS 120VAC RC 24VDC2A	\$39.90 ea.	\$30.00 ea.
1127480000	TOS 120VAC RC 230VAC1A	\$39.90 ea.	\$30.00 ea.
1127020000	TOS 24-230VUC 48VDC0,1A	\$34.90 ea.	\$28.00 ea.
1127250000	TOS 24-230VUC 24VDC2A	\$43.80 ea.	\$35.00 ea.
1127500000	TOS 24-230VUC 230VAC1A 6.4mm	\$43.80 ea.	\$35.00 ea.

Weidmüller Canada Infoline : 1-800-268-4080
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For an electronic copy of this Q-Special :
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Q-Specials



Special Price from \$30.00

Push-In Technology HDC Kits

Hood, housing, male and female inserts and cable gland in a kit: with one single part number.

The inserts use our new Push-In technology for reliable connections. Solid or ferruled wires can simply be inserted by pushing them into the clamp. A small 2.5mm screwdriver will open the clamp to remove them and also to insert stranded wires. Bulkhead housing for 6, 10, 16 and 24 poles with side or top entry hoods (PG 16 for 6 and 10 poles, PG 21 for 16 and 24 poles).

- CSA / UL approved for 600Vac/dc, 16A per pole

Catalog #	Description	Regular Price	Special Price
1061710000	HDC-KIT HE-P 06.11 (Top Entry)	\$55.00 ea.	\$30.00 ea.
1027660000	HDC-KIT HE-P 06.10 (Side Entry)	\$55.00 ea.	\$30.00 ea.
1061730000	HDC-KIT HE-P 10.111 (Top Entry)	\$65.00 ea.	\$35.00 ea.
1027680000	HDC-KIT HE-P 10.110 (Side Entry)	\$65.00 ea.	\$35.00 ea.
1061750000	HDC-KIT HE-P 16.121 (Top Entry)	\$75.00 ea.	\$40.00 ea.
1027640000	HDC-KIT HE-P 16.120 (Side Entry)	\$75.00 ea.	\$40.00 ea.
1061780000	HDC-KIT HE-P 24.130 (Top Entry)	\$85.00 ea.	\$47.50 ea.
1061800000	HDC-KIT HE-P 24.131 (Side Entry)	\$85.00 ea.	\$47.50 ea.



Special Price \$4.00

DIN-Rail Mountable Utility Box

This plastic drawer mounts on 35mm DIN-rail (horizontal or vertical) and is a convenient way to store spare fuses, extra marking tags, jumpers, lamps, etc. in a control cabinet.

Catalog #	Description	Regular Price	Special Price
7914760001	DIN RAIL MOUNTABLE UTILITY BOX	\$6.10 ea.	\$4.00 ea.



Special Price from \$22.00

Cable Cutters

Cutting without deformation of copper or aluminium conductors

- KT 8 : Version up to 8mm \varnothing , 16mm² / 6AWG
- KT 12 : Version up to 12mm \varnothing , 35mm² / 2AWG
- KT 20 : Version up to 20mm \varnothing , 70mm² / 3/0AWG
- KT 45 R : Version up to 45mm \varnothing , 400MCM (Cu/Al)
- KT 55 : Version up to 55mm \varnothing , 500MCM (Cu/Al)
- KT 80 : Version up to 80mm \varnothing , 630MCM (Cu) / 1000MCM (Al)
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!
- Cutting profile for different cable sizes increases the quality of the cuts for smaller cross-sections

Catalog #	Description	Regular Price	Special Price
9002650000	KT 8 CABLE CUTTER	\$54.30 ea.	\$22.00 ea.
9002660000	KT 12 CABLE CUTTER	\$48.90 ea.	\$26.00 ea.
9002300000	KT 20 CABLE CUTTER	\$107.60 ea.	\$65.00 ea.
9202040000	KT 45 R CABLE CUTTER	\$385.40 ea.	\$245.00 ea.
9202060000	KT 55 CABLE CUTTER	\$521.80 ea.	\$330.00 ea.
9202080000	KT 80 CABLE CUTTER	\$1133.30 ea.	\$725.00 ea.



Special Price from \$30.00

Screwdriver Sets

Two Sets of screwdrivers to choose from:

- 2 sets with 6 flat blades (2.0, 2.5, 3.0, 3.5, 4.0 and 5.5mm)
- Insulated (9205550000) and non-insulated (9205560000) versions
- Insulated screwdriver sets for working on live parts up to 1000Vac and 1500Vdc.

Catalog #	Description	Regular Price	Special Price
9205550000	SDIS 2.0-5.5	\$ 49.20 ea.	\$37.00 ea.
9205560000	SDS 2.0-5.5	\$ 52.00 ea.	\$30.00 ea.

HELP US CONSERVE!!!

If you would prefer an electronic copy, contact: marketing@weidmuller.ca

CONDITIONS : Prices valid from July 1st, 2013 to September 30th, 2013. Orders must be received by Weidmuller by this date. Orders must be sent to an authorized Weidmuller distributor. Orders must reference quotation number Q3-2013. Please note that all prices (Regular Price and Special Price) are suggested pricing only

Weidmuller "PrintJet ADVANCED" Inkjet Printer for Plastic and Metal Markers

Available
This
Fall

The new Weidmuller "PrintJet ADVANCED" inkjet printer fulfills the nature of "Systemised marking"

Software, markers and printers that are perfectly harmonised in one system. Thanks to its wide range of uses, the "PrintJet ADVANCED", which has been developed around many different customer needs, is suitable for most industrial requirements and can be integrated perfectly into industrial processes.

Designed as a "one-stop-shop" printer, the "PrintJet ADVANCED" sets new standards in respect of usage and handling, print image, speed and the longevity of the labelling. Whether being used to print coloured or black markings for protection classes IP20 or IP67, or for deployment outdoors, the printer will impress with its Plug & Play functionality, excellent print quality – including warning symbols or data matrix codes – sound value for money and fantastic performance levels.

This further development of the successful PrintJet range from Weidmuller can now print 6,000 markers in just 45 minutes. It can be deployed anytime at any location and put into service immediately, even for 24-hour operation if required and without having to spend valuable time monitoring the printing process or investing in additional hardware.



Improved safety



Colour printing

- Maintenance and identification of equipment becomes easier
- Warning and safety information have a clear impact due to signal colours
- These are mandatory, in accordance with standards DIN 4844 and EN ISO 7010

Maximum scope of use



Printing of plastic and metal markers

- The ink-jet printer uses water-based inks with integrated thermal fixing and offers print qualities of 600 or 1200 dpi
- Ultimate flexibility and independence
- Supplier reduction
- No need to invest in other equipment

Increased automation



Extended capacity

- 30 MultiCards loader capacity
- No need for operator intervention and ready for immediate use
- Cost savings through optimal deployment of personnel resources

Cost savings guaranteed



Resistant marking

- Extremely resistant and durable in industrial environments due to thermal curing
- A long design life of the markers: Reduction of maintenance/ replacement costs.
- Suitable for industries in acc. with DIN EN 60068-2-70

Extended flexibility



Stand-alone embedded PC function

- Can also be used peripherally without a direct software connection
- Pre-configured print orders directly via the USB interface
- Preventing possible input errors
- The printer can also be used with the M-Print® PRO labelling software (Microsoft Windows® XP, Windows Vista or Windows 7 compatible)

Optimised operation



Intuitive 5.7" TrueColor TFT display

- Simplifies the operating process considerably
- Reduces complexity to an absolute minimum
- No language barriers: 25 integrated languages make this printer a global player

Wireless I/O In a Wired World

Ever wanted to get an input from a flow meter or energy meter directly to the controller without the tedious task of laying cable? How about monitoring tank levels; alarm monitoring or positional controls without the limitations of a cable harness?

Good news is that there are options that have been available for a number of years. Wireless for I/O has proven itself to be a reliable option for transmitting a wide variety of data in industrial applications; but is it a viable solution with most companies looking to cut costs? Basically is there any real cost savings of using wireless for I/O instead of wires?

Wireless communications are now considered reliable enough for use on factory floors, so they're being deployed to provide inexpensive communications for sensors and other components that sit in places that are hard to reach with wires. It is basically a game changer and has a direct impact on bottom-line profits in a very competitive world.

Wi-Fi wireless (2.4 or 5.8GHz) is predominant in a lot of warehouse applications. Forklift drivers are guided to shipping packages with a wireless gun. However, when it is hard to run wires to sensors because of environmental reasons (obstacles, high heat, harsh conditions, steam, etc...), a lower frequency range like 900MHz is usually preferred.

Taking a look at wireless in industrial applications: for Ethernet signals communication, Wi-Fi is a default standard especially for longer distances than the traditional 300ft which RJ45 copper connections are limited to. But in the case of an analogue 4-20mA signal we can easily do lengths of up to 1km without even thinking twice. So why choose to do it wireless?

As a comparison of wired vs. wireless look at a simple run of 500ft to get two (2) digital inputs and one (1) analogue input from remote sensors in the same location to a central controller. As an assumption the Wire length and conduit length are the same. Terminal Blocks, annunciators, miscellaneous, wire, conduit and labour are calculated once per switch/sensor. We assume 3 hours of labour for the installation.



Wired:	Total Estimated Cost ~\$4700
Total Length	\$500.00
# Sensors / Switches	\$3.00
Cost of Sensors / Switches	\$200.00
Misc hardware (Terminals, junction box, etc.)	\$100.00
Wire & Conduit Cost / ft	\$1.55
Labour cost / hr	\$150.00

Wireless:	Total Estimated Cost ~\$3800
Total Length	\$500.00
# Sensors / Switches	\$3.00
Cost of Sensors / Switches	\$200.00
Misc hardware (Terminals, junction box, etc.)	\$100.00
Wireless I/O pair & antennas	\$1500.00
Labour cost / hr	\$150.00

Although it does not seem like a huge cost savings since this is a point to point, consider the scalability of the project. Now consider if the sensor inputs were in spread out locations. Each sensor would require dedicated cable runs which would more than double the cost of the wired installation. If there were multiple locations that all needed to get to one central area as a wireless application, it would simply be add a sensor and another wireless I/O radio for under \$1000 and the job is done. Labour costs go down from 3+ hours to less than 1 hour. The more sensors there are, the more the cost savings. It also eliminates the need for maintenance

of equipment wiring. Because there is no actual wiring to install, no wear-and-tear to mend, no frayed cord to ever replace. This interprets into a better bottom line and increased uptime.

The possibilities for expansion are endless and industrial designers can now envision new equipment innovations. Front-line users can also stay operational and efficient with very little down time. With wireless adoption in the industry, no longer are users tethered to the old ways of working. The wire can be cut, both literally and figuratively.

