

42BC Long Range Background Suppression



Sensing Mode	Voltage	Sensing Distance	Output Type	Output Energized	Connection Type	Part Number
Background Suppression	12-24 VDC	2m(6.6ft)	NPN/PNP	Light/ Dark Selectable	Screw Terminals	42BC-B1LBAN-T4
Background Suppression	24-240 VAC/DC	2m(6.6ft)	SPST Relay	Light/ Dark Selectable	Screw Terminals	42BC-B1CRAN-T4

42CM 18mm Metal Cylindrical



Sensing Mode	Voltage	Sensing Distance	Output Type	Output Energized	Connection Type	Part Number
Standard Diffuse	10-30VDC	400mm(13.6in)	PNP	Light/ Dark Selectable	4pin DC Micro	42CM-D1MPAL-D4
Polarized Retroreflective	10-30VDC	3mm(0.12in) to 3m(9.9ft)	PNP	Light/ Dark Selectable	4pin DC Micro	42CM-P2MPB-D4
Diffuse Laser	10-30VDC	3mm(0.12in) to 300mm(11.8in)	PNP	Light/ Dark Selectable	4pin DC Micro	42CM-D8MPA-D4

Cables and Accessories

Description	Part Number
DC Micro QD Cordset straight 4-pin 2 metre	889D-F4AC-2
DC Micro QD Cordset straight 4-pin 5 metre	889D-F4AC-5
DC Micro QD Cordset straight 4-pin10 metre	889D-F4AC-10
Right Angle Mount	60-2657
Reflector 76mm (3in) Diameter with Centre Hole	92-39
Reflector 32mm (1.25in) Diameter	92-47
Reflector 86mm (3in) Diameter with Mounting Tabs	92-90
Reflector 32mm (1.25in) Diameter with M5 Screw	92-105
Reflector Square 23x42.5mm (0.91x1.67in)	92-93
Reflector Square 51x61mm (2x2.5in)	92-109
Reflector Square 40.5x60mm (1.6x2.36in)	92-113
Reflective Tape 215x280mm (8.5x11in)	92-104

Right Sight - 18mm Right Angle



Sensing Mode	Voltage	Sensing Distance	Output Type	Output Energized	Connection Type	Part Number
Standard Diffuse	10-30VDC	3mm(0.12in) to 500mm(20in)	NPN/PNP	LIGHT OPERATE	4pin DC Micro	42EF-D1JBAK-F4
Standard Diffuse	10-30VDC	3mm(0.12in) to 500mm(20in)	PNP	LIGHT OPERATE /DARK OPERATE	4pin DC Micro	42EF-D1MPAK-F4
Standard Diffuse	21-264V AC/DC	3mm(0.12in) to 500mm(20in)	MOSFET	LIGHT OPERATE	2m Cable	42EF-D1RCAK-A2
Standard Diffuse	21-264V AC/DC	3mm(0.12in) to 500mm(20in)	MOSFET	LIGHT OPERATE	4pin AC Micro	42EF-D1RCAK-G4
Polarized Retroreflective	10-30VDC	25mm(1in) to 3m(9.8ft)	NPN/PNP	DARK OPERATE	4pin DC Micro	42EF-P2KBB-F4
Polarized Retroreflective	10-30VDC	25mm(1in) to 3m(9.8ft)	PNP	LIGHT OPERATE /DARK OPERATE	4pin DC Micro	42EF-P2MPB-F4
Polarized Retroreflective	21-264V AC/DC	25mm(1in) to 3m(9.8ft)	MOSFET	DARK OPERATE	4pin AC Micro	42EF-P2SCB-G4
Polarized Retroreflective	21-264V AC/DC	25mm(1in) to 3m(9.8ft)	MOSFET	DARK OPERATE	2m Cable	42EF-P2SCB-A2
Transmitted Beam Source	10-30VDC	Depends on Receiver			4pin DC Micro	42EF-E1EZB-F4
Transmitted Beam Source	21-264V AC/DC	Depends on Receiver			2m Cable	42EF-E1QZB-A2
Transmitted Beam Source	21-264V AC/DC	Depends on Receiver			4pin AC Micro	42EF-E1QZB-G4
Transmitted Beam Receiver	10-30VDC	20m(65.6ft)	NPN/PNP	DARK OPERATE	4pin DC Micro	42EF-R9KBB-F4
Transmitted Beam Receiver	10-30VDC	4m(13ft)	PNP	LIGHT OPERATE /DARK OPERATE	4pin DC Micro	42EF-R9MPBV-F4
Transmitted Beam Receiver	21-264V AC/DC	4m(13ft)	MOSFET	DARK OPERATE	2m Cable	42EF-R9SCBV-A2
Transmitted Beam Receiver	21-264V AC/DC	4m(13ft)	MOSFET	DARK OPERATE	4pin AC Micro	42EF-R9SCBV-G4
Background Suppression	10-30VDC	3mm(0.12in) to 100mm(3.9in)	PNP	LIGHT OPERATE /DARK OPERATE	4pin DC Micro	42EF-B1MPBE-F4
Infrared Glass Fiber Optic	10-30VDC	Depends On Glass Fiber	PNP	LIGHT OPERATE /DARK OPERATE	4pin DC Micro	42EF-G1MPA-F4

Right Sight - 18mm Right Angle

Cables and Accessories

Description	Part Number
DC Micro QD Cordset straight 4-pin 2 metre	889D-F4AC-2
DC Micro QD Cordset straight 4-pin 5 metre	889D-F4AC-5
DC Micro QD Cordset straight 4-pin 10 metre	889D-F4AC-10
AC Micro QD Cordset straight 4-pin 2 metre	889R-F4AEA-2
AC Micro QD Cordset straight 4-pin 5 metre	889R-F4AEA-5
AC Micro QD Cordset straight 4-pin 10 metre	889R-F4AEA-10
Mounting Bracket Swivel/Tilt	60-2649
Right Angle Mount	60-2657
Reflector 76mm (3in) Diameter with Centre Hole	92-39
Reflector 32mm (1.25in) Diameter	92-47
Reflector 86mm (3in) Diameter with Mounting Tabs	92-90
Reflector 32mm (1.25in) Diameter with M5 Screw	92-105
Reflector Square 23x42.5mm (0.91x1.67in)	92-93
Reflector Square 51x62mm (2x2.5in)	92-109
Reflector Square 40.5x60mm (1.6x2.36in)	92-113
Reflective Tape 215x280mm (8.5x11in)	92-104
Bifurcated Glass Fiber, SS Sheathing, Brass Tip	43GR-TBB25SL
Transmitted Beam Fiber, SS Sheathing, Brass Tip	43GT-TBB25SL
Transmitted Beam Fiber, SS Sheathing, 90 Degree	43GT-FIS25SL

MiniSight - 18mm Compact Rectangular



Sensing Mode	Voltage	Sensing Distance	Output Type	Output Energized	Connection Type	Part Number
Standard Diffuse	10-30VDC	1mm(0.04in) to 380mm (15in)	NPN/PNP	Light/Dark Selectable	4pin DC Micro	42KL-D1LB-F4
Standard Diffuse	21-250V AC/DC	1mm(0.04in) to 380mm (15in)	MOSFET	Light/Dark Selectable	2m Cable	42KL-D1TC-A2
Standard Diffuse	21-250V AC/DC	1mm(0.04in) to 380mm (15in)	MOSFET	Light/Dark Selectable	3pin AC Micro	42KL-D1TC-G3
Retroreflective	10-30VDC	25mm(0.98in) to 5m(16.4ft)	NPN/PNP	Light/Dark Selectable	4pin DC Micro	42KL-U2LB-F4
Retroreflective	21-250V AC/DC	25mm(0.98in) to 5m(16.4ft)	MOSFET	Light/Dark Selectable	3pin AC Micro	42KL-U2TC-G3
Retroreflective	21-250V AC/DC	25mm(0.98in) to 5m(16.4ft)	MOSFET	Light/Dark Selectable	2m Cable	42KL-U2TC-A2
Polarized Retroreflective	10-30VDC	25mm(0.98in) to 2m(6.6ft)	NPN/PNP	Light/Dark Selectable	4pin DC Micro	42KL-P2LB-F4
Polarized Retroreflective	10-30VDC	25mm(0.98in) to 2m(6.6ft)	NPN/PNP	Light/Dark Selectable	2m Cable	42KL-P2LB-A2
Polarized Retroreflective	21-250V AC/DC	25mm(0.98in) to 2m(6.6ft)	MOSFET	Light/Dark Selectable	3pin AC Micro	42KL-P2TC-G3
Polarized Retroreflective	21-250V AC/DC	25mm(0.98in) to 2m(6.6ft)	MOSFET	Light/Dark Selectable	2m Cable	42KL-P2TC-A2
Visible Red Plastic Fiber Optic	10-30VDC	Depends On Fiber Optic Cable	NPN/PNP	Light/Dark Selectable	4pin DC Micro	42KL-L2LB-F4
Infrared Glass Fiber Optic	10-30VDC	Depends On Glass Fiber Optic Cable	NPN/PNP	Light/Dark Selectable	2m Cable	42KL-G1LB-A2
Infrared Glass Fiber Optic	10-30VDC	Depends On Glass Fiber Optic Cable	NPN/PNP	Light/Dark Selectable	4pin DC Micro	42KL-G1LB-F4
Infrared Glass Fiber Optic	21-250V AC/DC	Depends On Glass Fiber Optic Cable	MOSFET	Light/Dark Selectable	3pin AC Micro	42KL-G1TC-G3

MiniSight - 18mm Compact Rectangular Cables and Accessories

Description	Part Number
DC Micro QD Cordset straight 4-pin 2 metre	889D-F4AC-2
DC Micro QD Cordset straight 4-pin 5 metre	889D-F4AC-5
DC Micro QD Cordset straight 4-pin 10 metre	889D-F4AC-10
AC Micro QD Cordset straight 3-pin 2 metre	889R-F3AEA-2
AC Micro QD Cordset straight 3-pin 5 metre	889R-F3AEA-5
AC Micro QD Cordset straight 3-pin 10 metre	889R-F3AEA-10
Right Angle Mount	60-2657
Reflector 76mm (3in) Diameter with Centre Hole	92-39
Reflector 32mm (1.25in) Diameter	92-47
Reflector 86mm (3in) Diameter with Mounting Tabs	92-90
Reflector 32mm (1.25in) Diameter with M5 Screw	92-105
Reflector Square 23x42.5mm (0.91x1.67in)	92-93
Reflector Square 51x62mm (2x2.5)	92-109
Reflector Square 40.5x60mm (1.6x2.36in)	92-113
Reflective Tape 215x280mm (8.5x11in)	92-104
Bifurcated Glass Fiber, SS Sheathing, Brass Tip	43GR-TBB25SL
Transmitted Beam Fiber, SS Sheathing, Brass Tip	43GT-TBB25SL
Transmitted Beam Fiber, SS Sheathing, 90 Degree	43GT-FIS25SL
Bifurcated Plastic Fiber Small Aperture	43PR-NES57ZS
Transmitted Beam Plastic Fiber Small Aperture	43PT-NJS56FS

Series 9000 Standard



Sensing Mode	Voltage	Sensing Distance	Output Type	Output Energized	Connection Type	Part Number
Standard Diffuse	10-40VDC	50.8mm(2in) to 1.52m(5ft)	NPN/PNP	Light/Dark Selectable	4Pin DC Micro	42GRP-9000-QD
Standard Diffuse	10-40VDC	50.8mm(2in) to 1.52m(5ft)	NPN/PNP	Light/Dark Selectable	2m Cable	42GRP-9000
Standard Diffuse	70-264VDC /60-264VAC	50.8mm(2in) to 1.52m(5ft)	SPDT EM Relay	Light/Dark Selectable	5pin Mini	42GRP-9002-QD
Standard Diffuse	70-264VDC /60-264VAC	50.8mm(2in) to 1.52m(5ft)	SPDT EM Relay	Light/Dark Selectable	2m Cable	42GRP-9002
Long Range Diffuse	10-40VDC	50.8mm(2in) to 3.04m(10ft)	NPN/PNP	Light/Dark Selectable	4Pin DC Micro	42GRP-9040-QD
Long Range Diffuse	70-264VAC/DC	50.8mm(2in) to 3.04m(10ft)	SPDT EM Relay	Light/Dark Selectable	5pin Mini	42GRP-9042-QD
Retroreflective	10-40VDC	50.8mm(2in) to 9.14m(30ft) with 3in Reflector	NPN/PNP	Light/Dark Selectable	4Pin DC Micro	42GRU-9000-QD
Retroreflective	10-40VDC	50.8mm(2in) to 9.14m(30ft) with 3in Reflector	NPN/PNP	Light/Dark Selectable	2m Cable	42GRU-9000
Retroreflective	10-55VDC / 20-40VAC	50.8mm(2in) to 9.14m(30ft) with 3in Reflector	SPDT EM Relay	Light/Dark Selectable	5pin Mini	42GRU-9001-QD
Retroreflective	10-55VDC / 20-40VAC	50.8mm(2in) to 9.14m(30ft) with 3in Reflector	SPDT EM Relay	Light/Dark Selectable	2m Cable	42GRU-9001
Retroreflective	70-264VAC/DC	50.8mm(2in) to 9.14m(30ft) with 3in Reflector	SPDT EM Relay	Light/Dark Selectable	5pin Mini	42GRU-9002-QD
Retroreflective	70-264VAC/DC	50.8mm(2in) to 9.14m(30ft) with 3in Reflector	SPDT EM Relay	Light/Dark Selectable	2m Cable	42GRU-9002
Polarized Retroreflective	10-40VDC	50.8mm(2in) to 4.87m(16ft) with 3in Reflector	NPN/PNP	Light/Dark Selectable	4Pin DC Micro	42GRU-9200-QD
Polarized Retroreflective	10-40VDC	50.8mm(2in) to 4.87m(16ft) with 3in Reflector	NPN/PNP	Light/Dark Selectable	2m Cable	42GRU-9200
Polarized Retroreflective	70-264VDC /60-264VAC	50.8mm(2in) to 4.87m(16ft) with 3in Reflector	SPDT EM Relay	Light/Dark Selectable	5pin Mini	42GRU-9202-QD
Polarized Retroreflective	70-264VDC /60-264VAC	50.8mm(2in) to 4.87m(16ft) with 3in Reflector	SPDT EM Relay	Light/Dark Selectable	2m Cable	42GRU-9202
Transmitted Beam Source	10-264V AC/DC	25.4mm(1in) to 61m(200ft)			4Pin DC Micro	42GRL-9000-QD
Transmitted Beam Source	10-264V AC/DC	25.4mm(1in) to 61m(200ft)			2m Cable	42GRL-9000
Transmitted Beam Source	10-264V AC/DC	25.4mm(1in) to 61m(200ft)			4pin Mini	42GRL-9002-QD

Series 9000 Standard

Sensing Mode	Voltage	Sensing Distance	Output Type	Output Energized	Connection Type	Part Number
Transmitted Beam Receiver	10-40VDC	Depends On Light Source	NPN/PNP	Light/Dark Selectable	4Pin DC Micro	42GRR-9000-QD
Transmitted Beam Receiver	10-40VDC	Depends On Light Source	NPN/PNP	Light/Dark Selectable	2m Cable	42GRR-9000
Transmitted Beam Receiver	70-264VAC/DC	Depends On Light Source	SPDT EM Relay	Light/Dark Selectable	5pin Mini	42GRR-9002-QD
Transmitted Beam Receiver	70-264VAC/DC	Depends On Light Source	SPDT EM Relay	Light/Dark Selectable	2m Cable	42GRR-9002
Infrared Fiber Optic	10-40VDC	Depends on Fiber Optic Cable	NPN/PNP	Light/Dark Selectable	4Pin DC Micro	42GRF-9000-QD
Infrared Fiber Optic	10-40VDC	Depends on Fiber Optic Cable	NPN/PNP	Light/Dark Selectable	2m Cable	42GRF-9000
Infrared Fiber Optic	70-264VAC/DC	Depends on Fiber Optic Cable	SPDT EM Relay	Light/Dark Selectable	5pin Mini	42GRF-9002-QD
Infrared Fiber Optic	70-264VAC/DC	Depends on Fiber Optic Cable	SPDT EM Relay	Light/Dark Selectable	2m Cable	42GRF-9002

Cables and Accessories

Description	Part Number
DC Micro QD Cordset straight 4-pin 2 metre	889D-F4AC-2
DC Micro QD Cordset straight 4-pin 5 metre	889D-F4AC-5
DC Micro QD Cordset straight 4-pin 10 metre	889D-F4AC-10
Mini QD Cordset straight 5-pin 6ft	889N-F5AF-6F
Mini QD Cordset straight 5-pin 12ft	889N-F5AF-12F
Right Angle Mount	60-2421
Swivel Bracket	60-2439
Reflector 76mm (3in) Diameter with Centre Hole	92-39
Reflector 32mm (1.25in) Diameter	92-47
Reflector 86mm (3in) Diameter with Mounting Tabs	92-90
Reflector 32mm (1.25in) Diameter with M5 Screw	92-105
Reflector Square 23x42.5mm (0.91x1.67in)	92-93
Reflector Square 51x62mm (2x2.5in)	92-109
Reflector Square 40.5x60mm (1.6x2.36in)	92-113
Reflective Tape 215x280mm (8.5x11in) sheet	92-104

872C World Prox -Plastic Face Nickel Plated Brass Barrel - 3 Wire DC



* Voltage is 10-30V DC on 3 Wire Sensors

Barrel Diameter	Sensing Range	Shielded	Output	Output Type	Connection Type	Part Number
8mm	2mm	Y	NO	PNP	Micro QD Style	872C-D2NP8-D4
8mm	2mm	Y	NO	PNP	Cable Style	872C-D2NP8-E2
8mm	3mm	N	NO	PNP	Micro QD Style	872C-D3NP8-D4
8mm	3mm	N	NO	PNP	Cable Style	872C-D3NP8-E2
12mm	3mm	Y	NO	NPN	Micro QD Style	872C-D3NN12-D4
12mm	3mm	Y	NO	NPN	Cable Style	872C-D3NN12-E2
12mm	3mm	Y	NO	PNP	Micro QD Style	872C-D3NP12-D4
12mm	3mm	Y	NO	PNP	Cable Style	872C-D3NP12-E2
12mm	4mm	N	NO	PNP	Micro QD Style	872C-D4NP12-D4
12mm	4mm	N	NO	PNP	Cable Style	872C-D4NP12-E2
18mm	5mm	Y	NO	NPN	Micro QD Style	872C-D5NN18-D4
18mm	5mm	Y	NO	NPN	Cable Style	872C-D5NN18-E2
18mm	5mm	Y	NO	PNP	Micro QD Style	872C-D5NP18-D4
18mm	5mm	Y	NO	PNP	Cable Style	872C-D5NP18-E2
18mm	8mm	N	NO	PNP	Micro QD Style	872C-D8NP18-D4
18mm	8mm	N	NO	PNP	Cable Style	872C-D8NP18-E2
30mm	10mm	Y	NO	PNP	Micro QD Style	872C-D10NP30-D4
30mm	15mm	N	NO	PNP	Micro QD Style	872C-D15NP30-D4

*For Cables and Accessories See Page 9.

872C World Prox -Plastic Face Nickel Plated Brass Barrel - Extended Range 3 Wire DC

* Voltage is 10-30V DC on 3 Wire Sensors

Barrel Diameter	Sensing Range	Shielded	Output	Output Type	Connection Type	Part Number
12mm	4mm	Y	NO	PNP	Micro QD Style	872C-M4NP12-D4
18mm	8mm	Y	NO	PNP	Micro QD Style	872C-M8NP18-D4

*For Cables and Accessories See Page 9.

872C World Prox -Plastic Face Nickel Plated Brass Barrel - Short Barrel 3 Wire DC



* Voltage is 10-30V DC on 3 Wire Sensors

Barrel Diameter	Sensing Range	Shielded	Output	Output Type	Connection Type	Part Number
12mm	3mm	Y	NO	PNP	Micro QD Style	872C-DH3NP12-D4
12mm	4mm	N	NO	PNP	Micro QD Style	872C-DH4NP12-D4
18mm	5mm	Y	NO	PNP	Micro QD Style	872C-DH5NP18-D4
18mm	8mm	N	NO	PNP	Micro QD Style	872C-DH8NP18-D4
30mm	10mm	Y	NO	PNP	Micro QD Style	872C-DH10NP30-D4
30mm	15mm	N	NO	PNP	Micro QD Style	872C-DH15NP30-D4

Cables and Accessories

Description	Part Number
DC Micro QD Cordset straight 4-pin 2 metre	889D-F4AC-2
DC Micro QD Cordset straight 4-pin 5 metre	889D-F4AC-5
DC Micro QD Cordset straight 4-pin 10 metre	889D-F4AC-10
Clamp Style Bracket for 8mm Prox	871A-BP8
Clamp Style Bracket for 12mm Prox	871A-BP12
Clamp Style Bracket for 18mm Prox	871A-BP18
Clamp Style Bracket for 30mm Prox	871A-BP30
Right Angle Bracket for 8mm Prox	871A-BRN8
Right Angle Bracket for 12mm Prox	871A-BRN12
Right Angle Bracket for 18mm Prox	871A-BRN18
Right Angle Bracket for 30mm Prox	871A-BRN30

872C World Prox -Plastic Face Nickel Plated Brass Barrel - 2 Wire AC



* Voltage is 20-240V AC on 2 Wire Sensors

Barrel Diameter	Sensing Range	Shielded	Output	Connection Type	Part Number
12mm	2mm	Y	NO	2m Cable	872C-A2N12-A2
12mm	2mm	Y	NO	Micro QD Style	872C-A2N12-R3
12mm	4mm	N	NO	2m Cable	872C-A4N12-A2
12mm	4mm	N	NO	Micro QD Style	872C-A4N12-R3
18mm	5mm	Y	NO	2m Cable	872C-A5N18-A2
18mm	5mm	Y	NO	Micro QD Style	872C-A5N18-R3
18mm	5mm	Y	NO	Mini QD Style	872C-A5N18-N3
18mm	10mm	N	NO	2m Cable	872C-A10N18-A2
18mm	10mm	N	NO	Micro QD Style	872C-A10N18-R3
18mm	10mm	N	NO	Mini QD Style	872C-A10N18-N3
30mm	10mm	Y	NO	2m Cable	872C-A10N30-A2
30mm	10mm	Y	NO	Micro QD Style	872C-A10N30-R3
30mm	10mm	Y	NO	Mini QD Style	872C-A10N30-N3
30mm	15mm	N	NO	2m Cable	872C-A15N30-A2
30mm	15mm	N	NO	Micro QD Style	872C-A15N30-R3
30mm	15mm	N	NO	Mini QD Style	872C-A15N30-N3

Cables and Accessories

Description	Part Number
AC Micro QD Cordset straight 3-pin 2 metre	889R-F3AEA-2
AC Micro QD Cordset straight 3-pin 5 metre	889R-F3AEA-5
AC Micro QD Cordset straight 3-pin 10 metre	889R-F3AEA-10
AC Mini QD Cordset straight 3-pin 6ft	889N-F3AFC-6F
AC Mini QD Cordset straight 3-pin 12ft	889N-F3AFC-12F
Clamp Style Bracket for 12mm Prox	871A-BP12
Clamp Style Bracket for 18mm Prox	871A-BP18
Clamp Style Bracket for 30mm Prox	871A-BP30
Right Angle Bracket for 12mm Prox	871A-BRN12
Right Angle Bracket for 18mm Prox	871A-BRN18
Right Angle Bracket for 30mm Prox	871A-BRN30

871TM -Stainless Steel Face Threaded Stainless Barrel - 3 Wire DC



* Voltage is 10-30V DC on 3 Wire Sensors (Including Extended Range)

Barrel Diameter	Sensing Range	Shielded	Output	Output Type	Connection Type	Part Number
12mm	2mm	Y	NO	PNP	Micro QD Style	871TM-DH2NP12-D4
12mm	2mm	Y	NO	PNP	2m Cable	871TM-DH2NP12-A2
12mm	4mm	N	NO	PNP	Micro QD Style	871TM-DH4NP12-D4
12mm	4mm	N	NO	PNP	2m Cable	871TM-DH4NP12-A2
18mm	5mm	Y	NO	PNP	Micro QD Style	871TM-DH5NP18-D4
18mm	5mm	Y	NO	PNP	Mini QD Style	871TM-DH5NP18-N4
18mm	5mm	Y	NO	PNP	2m Cable	871TM-DH5NP18-A2
18mm	8mm	N	NO	PNP	Micro QD Style	871TM-DH8NP18-D4
18mm	8mm	N	NO	PNP	Mini QD Style	871TM-DH8NP18-N4
18mm	8mm	N	NO	PNP	2m Cable	871TM-DH8NP18-A2
30mm	10mm	Y	NO	PNP	Micro QD Style	871TM-DH10NP30-D4
30mm	10mm	Y	NO	PNP	Mini QD Style	871TM-DH10NP30-N4
30mm	10mm	Y	NO	PNP	2m Cable	871TM-DH10NP30-A2

871TM -Stainless Steel Face Threaded Stainless Barrel - 3 Wire DC Extended Range

Barrel Diameter	Sensing Range	Shielded	Output	Output Type	Connection Type	Part Number
12mm	6mm	Y	NO	PNP	Micro QD Style	871TM-M6NP12-D4
12mm	10mm	N	NO	PNP	Micro QD Style	871TM-N10NP12-D4
18mm	10mm	Y	NO	PNP	Micro QD Style	871TM-M10NP18-D4
18mm	20mm	N	NO	PNP	Micro QD Style	871TM-N20NP18-D4

871TM -Stainless Steel Face Threaded Stainless Barrel - 3 Wire DC Extended Range

Cables and Accessories

Description	Part Number
DC Micro QD Cordset straight 4-pin 2 metre	889D-F4AC-2
DC Micro QD Cordset straight 4-pin 5 metre	889D-F4AC-5
DC Micro QD Cordset straight 4-pin 10 metre	889D-F4AC-10
Mini QD Cordset straight 4-pin 6 ft	889N-F4AFC-6F
Mini QD Cordset straight 4-pin 12 ft	889N-F4AFC-12F
Clamp Style Bracket for 12mm Prox	871A-BP12
Clamp Style Bracket for 18mm Prox	871A-BP18
Clamp Style Bracket for 30mm Prox	871A-BP30
Right Angle Bracket for 12mm Prox	871A-BRN12
Right Angle Bracket for 18mm Prox	871A-BRN18
Right Angle Bracket for 30mm Prox	871A-BRN30

871TM -Stainless Steel Face Threaded Stainless Barrel - 2 Wire AC/DC



* Voltage 40-250V AC/DC On All Sensors

Barrel Diameter	Sensing Range	Shielded	Output	Connection Type	Part Number
12mm	2mm	Y	NO	Micro QD Style	871TM-B2N12-R3
12mm	2mm	Y	NO	2m Cable	871TM-B2N12-A2
18mm	5mm	Y	NO	Micro QD Style	871TM-B5N18-R3
18mm	5mm	Y	NO	Mini QD Style	871TM-B5N18-N3
18mm	5mm	Y	NO	2m Cable	871TM-B5N18-A2
18mm	8mm	N	NO	Micro QD Style	871TM-B8N18-R3
18mm	8mm	N	NO	Mini QD Style	871TM-B8N18-N3
18mm	8mm	N	NO	2m Cable	871TM-B8N18-A2
30mm	10mm	Y	NO	Micro QD Style	871TM-B10N30-R3
30mm	10mm	Y	NO	Mini QD Style	871TM-B10N30-N3
30mm	10mm	Y	NO	2m Cable	871TM-B10N30-A2
30mm	15mm	N	NO	Micro QD Style	871TM-B15N30-R3
30mm	15mm	N	NO	Mini QD Style	871TM-B15N30-N3
30mm	15mm	N	NO	2m Cable	871TM-B15N30-A2

871TM -Stainless Steel Face Threaded Stainless Barrel - 2 Wire AC/DC Cables and Accessories

Description	Part Number
AC Micro QD Cordset straight 3-pin 2 metre	889R-F3AEA-2
AC Micro QD Cordset straight 3-pin 5 metre	889R-F3AEA-5
AC Micro QD Cordset straight 3-pin10 metre	889R-F3AEA-10
AC Mini QD Cordset straight 3pin 6ft	889N-F3AFC-6F
AC Mini QD Cordset straight 3pin 12ft	889N-F3AFC-12F
Clamps Style Bracket for 12mm Prox	871A-BP12
Clamps Style Bracket for 18mm Prox	871A-BP18
Clamps Style Bracket for 30mm Prox	871A-BP30
Right Angle Bracket for 12mm Prox	871A-BRN12
Right Angle Bracket for 18mm Prox	871A-BRN18
Right Angle Bracket for 30mm Prox	871A-BRN30

871P-Versa Cube - 3 Wire DC



* Voltage is 10-60V DC

Head Size	Sensing Range	Shielded	Output	Output Type	Connection Type	Part Number
40mm	20mm	Y	NO	PNP	Micro QD Style	871P-D20NP40-D4
40mm	40mm	N	NO	PNP	Micro QD Style	871P-D40NP40-D4

Cables and Accessories

Description	Part Number
DC Micro QD Cordset straight 4-pin 2 metre	889D-F4AC-2
DC Micro QD Cordset straight 4-pin 5 metre	889D-F4AC-5
DC Micro QD Cordset straight 4-pin10 metre	889D-F4AC-10

871P-Versa Cube - 2 Wire AC/DC



* Voltage 20-250V AC/DC

Head Size	Sensing Range	Shielded	Output	Output Type	Connection Type	Part Number
40mm	20mm	Y	NO		Mini QD Style	871P-B20N40-N3
40mm	40mm	N	NO		Mini QD Style	871P-B40N40-N3

Cables and Accessories

Description	Part Number
AC Mini QD Cordset straight 3pin 6ft	889N-F3AFC-6F
AC Mini QD Cordset straight 3pin 12ft	889N-F3AFC-12F

802B Compact Small Metal Body Limit Switch



Head Type	Force to Operate	Travel to Operate	Max Travel	Travel to Reset	Output Type	Part Number
Top Push Roller	11.77N (2.65lbs)	1.8mm (0.071in)	5mm (0.197in)	0.2mm (0.008in)	SPDT	802B-CSADXSC3

802B Precision Small Metal Body Limit Switch

Head Type	Force to Operate	Travel to Operate	Max Travel	Travel to Reset	Output Type	Part Number
Top Push Booted	7.85N (1.76lbs)	2mm (0.079in)	7mm (0.276in)	0.1mm (0.004in)	SPDT	802B-PSABBSX

802T Plug In Style Oiltight Switches - Spring Return



Description	Number Of Circuits	Torque to Operate (max)	Travel to Operate Contacts (Max)	Max Travel	Travel to Reset Contacts (Max)	Lever Movement vs. Contact Operation	Part Number
Switch w/o lever	2	0.29N.m (2.6lb in)	13°	90°	7°	CW or CCW	802T-AP
Switch w/o lever and base	2	0.29N.m (2.6lb in)	13°	90°	7°	CW or CCW	802T-AP1
Switch w/o lever	4	0.45N.m (4lb in)	13°	90°	7°	CW or CCW	802T-ATP
Switch w/o Lever low operating torque model	2	0.106N.m (0.94lb in)	13°	90°	7°	CW or CCW	802T-ALP
Top Push rod	2	13.8N. (3.1lb)	1.4mm (0.057in)	6.0mm (0.236in)	0.7mm (0.028in)		802T-BP
Side push rod	2	16.4N. (3.7lb)	3.3mm (0.131in)	5.7mm (0.226in)	1.3mm (0.052in)		802T-CP
Top push roller	2	13.8N. (3.1lb)	1.4mm (0.057in)	6.0mm (0.236in)	0.7mm (0.028mm)		802T-DP
Top push roller	4	22.2N. (5.0lb)	1.4mm (0.057in)	6.0mm (0.236in)	0.7mm (0.028in)		802T-DTP
Nylon Wobble Stick	2	0.51N.m	9°	10°	5°		802T-WSP

*For levers see page 17

802T Plug In Style Oiltight Switches - Maintained Contact and Neutral Position

Description	Number Of Circuits	Torque to Operate (max)	Travel to Operate Contacts (Max)	Max Travel	Travel to Reset Contacts (Max)	Lever Movement vs. Contact Operation	Part Number
Maintained Switch w/o Lever	2	0.31N.m (2.75lb in)	70°	88°	32°	CW or CCW	802T-AMP
Neutral Position Model	4	0.281N.m(2.5lb in) CW and 0.47N.m (4.2lb in) CCW	13°	75°	7°	CW or CCW	802T-NPTP

*For levers see page 17

802T Non Plug In Style Oiltight Switches



Description	Number Of Circuits	Torque to Operate (max)	Travel to Operate Contacts (Max)	Max Travel	Travel to Reset Contacts (Max)	Lever Movement vs. Contact Operation	Part Number
Spring Return Switch w/o lever	2	0.340N.m (3.0lb in)	16.5°	43°	8°	CW or CCW	802T-A
Spring Return Switch w/o lever	2	0.51N.m (4.5lb in)	6°	50°	3°	CW or CCW	802T-H
Maintained Switch	2	0.251N.m (2.25lb in)	70°	84°	50°	CW or CCW	802T-AM
Top Push Roller	2	15.61N.m (3.5lb in)	1.9mm (0.075in)	5.1mm (0.202in)	0.8mm (0.030in)		802T-D
Neutral Switch	2	0.251N.m (2.25lb in)	12°	53°	6°	CW or CCW	802T-NP

802T- Direct Opening Action NEMA - Safety Limit Switches

Description	Number Of Circuits	Torque to Operate (max)	Travel to Operate Contacts (Max)	Max Travel	Travel to Reset Contacts (Max)	Lever Movement vs. Contact Operation	Part Number
Spring Return Switch w/o lever	2	0.45N.m (4.0lb in)	13°	90°	7°	CW or CCW	802T-APD
Spring Return Switch w/o lever	4	0.45N.m (4.0lb in)	13°	90°	7°	CW or CCW	802T-ATPD

Levers

Description	Part Number
Non Adjustable Lever 1.5" Radius Nylon Roller	802T-W1
Non Adjustable Lever 1.5" Radius Steel Roller	802T-W1A
Adjustable Lever 1.19" to 4" Radius 0.75" Dia Nylon Roller	802T-W17
Adjustable Lever 1.19" to 4" Radius 1.5" Dia Nylon Roller	802T-W17A
Adjustable Lever 1.19" to 3" Radius 0.75" Dia Nylon Roller	802T-W2
Adjustable Lever 1.19" to 3" Radius 1.5" Dia Nylon Roller	802T-W2A
Adjustable Lever 1.19" to 3" Radius 0.75" Dia Steel Roller	802T-W2B
Adjustable Lever 1.19" to 3" Radius 0.75" Dia Nylon Roller	802T-W2D
Stainless Steel Rod 5" long	802T-W3
Stainless Steel Rod 11.5" long	802T-W3A
Stainless Steel Rod 8.5" long	802T-W3B
Nylon Rod 12" long	802T-W3C
Fork Lever 1.5" radius steel roller front and back	802T-W4C



440P Safety Limit Switch - 30mm Metal Short Lever



Safety Contacts	Auxiliary Contacts	1/2 in NPT Conduit	Quick Disconnect
2 NC	2 NO	440P-MSLB22E	440P-MSLB22M9

Recommended Cable 5M	889M-F12X9AE-5
Recommended Cable 10M	889M-F12X9AE-10

440P Safety Limit Switch - 22mm Plastic Short Lever



Safety Contacts	Auxiliary Contacts	1/2 in NPT Conduit	Quick Disconnect
2 NC	1 NO	440P-CSLB12E	440P-CSLB12R6

Recommended Cable 5M	889R-F6ECA-5
Recommended Cable 10M	889R-F6ECA-10

4 Pin DC Micro Cordset

Cable		Part Number
Wire Rating	Length	
22 AWG 250V 4A	2m (6.5ft)	889D-F4AC-2
22 AWG 250V 4A	5m (16.4ft)	889D-F4AC-5
22 AWG 250V 4A	10m (32.8ft)	889D-F4AC-10



4 Pin DC Micro to DC Micro Patchcords

Cable		Part Number
Wire Rating	Length	
22 AWG 250V 4A	2m (6.5f)	889D-F4ACDM-2
22 AWG 250V 4A	5m (16.4ft)	889D-F4ACDM-5
22 AWG 250V 4A	10m (32.8ft)	889D-F4ACDM-10



8 Pin DC Micro Cordset

Cable		Part Number
Wire Rating	Length	
24 AWG 300V AC / 36V DC 1.5A	2m (6.5ft)	889D-F8AB-2
24 AWG 300V AC / 36V DC 1.5A	5m (16.4ft)	889D-F8AB-5
24 AWG 300V AC / 36V DC 1.5A	10m (32.8ft)	889D-F8AB-10



8 Pin DC Micro to DC Micro Patchcords

Cable		Part Number
Wire Rating	Length	
24 AWG 300V AC / 36V DC 1.5A	2m (6.5f)	889D-F8ABDM-2
24 AWG 300V AC / 36V DC 1.5A	5m (16.4ft)	889D-F8ABDM-5
24 AWG 300V AC / 36V DC 1.5A	10m (32.8ft)	889D-F8ABDM-10



8 Pin / 7 Wire DC Micro Cordset

Cable		Part Number
Wire Rating	Length	
24 AWG 300V AC / 36V DC 1.5A	5m (16.4ft)	889D-F8AC-5
24 AWG 300V AC / 36V DC 1.5A	10m (32.8ft)	889D-F8AC-10



3 Pin AC Micro Cordset

Cable		Part Number
Wire Rating	Length	
18 AWG 300V 3A	2m (6.5ft)	889R-F3AEA-2
18 AWG 300V 3A	5m (16.4ft)	889R-F3AEA-5
18 AWG 300V 3A	10m (32.8ft)	889R-F3AEA-10



4 Pin AC Micro Cordset

Cable		Part Number
Wire Rating	Length	
18 AWG 300V 3A	2m (6.5ft)	889R-F4AEA-2
18 AWG 300V 3A	5m (16.4ft)	889R-F4AEA-5
18 AWG 300V 3A	10m (32.8ft)	889R-F4AEA-10



6 Pin AC Micro Cordset

Cable		Part Number
Wire Rating	Length	
22 AWG 300V 3A	5m (16.4ft)	889R-F6ECA-5
22 AWG 300V 3A	10m (32.8ft)	889R-F6ECA-10



3 Pin Mini Style Cordset

Cable		Part Number
Wire Rating	Length	
16 AWG 600V 13A	6ft (1.8m)	889N-F3AFC-6F
16 AWG 600V 13A	12ft (3.7m)	889N-F3AFC-12F



4 Pin Mini Style Cordset

Cable		Part Number
Wire Rating	Length	
16 AWG 600V 10A	6ft (1.8m)	889N-F4AFC-6F
16 AWG 600V 10A	12ft (3.7m)	889N-F4AFC-12F



5 Pin Mini Style Cordset

Cable		Part Number
Wire Rating	Length	
16 AWG 600V 8A	6ft (1.8m)	889N-F5AF-6F
16 AWG 600V 8A	12ft (3.7m)	889N-F5AF-12F



M23 Style 12 Pin Cordset

Cable		Part Number
Wire Rating	Length	
18 AWG 63V 6A	5m (16.4ft)	889M-F12X9AE-5
18 AWG 63V 6A	10m (32.8ft)	889M-F12X9AE-10



Terminal Chambers - Field Attachable Micro

Description	Part Number
4 Pin DC Micro female screw terminal	871A-TS4-D
4 Pin DC Micro male screw terminal	871A-TS4-DM
4 Pin DC Micro male IDC	889D-M4DC-H
4 Pin DC Micro female IDC	889D-F4DC-H
3 Pin AC Micro Female screw terminals	871A-TS3-R
3 Pin AC Micro Male screw terminals	871A-TS3-RM



Raw PVC Control Cable in Spools

Number of Conductors	Jacket Color	Wire Gauge	Length	Part Number
4	yellow	22AWG	50M	889-C4AC-S50

