

WorldProx™ 3-Wire DC Proximity Sensors



Expanded Offering – Cost-Effective and Comprehensive Solutions for a Wide Range of Non-Contact Presence Sensing Applications

Rockwell Automation® is your trusted single source for sensing solutions including proximity, photoelectric and condition sensors, limit switches, encoders and industrial RFID as well as the connection systems that interface them with your control system.

Allen-Bradley® proximity sensors set the highest standards for ruggedness, reliability and application flexibility while serving the full spectrum of your needs from light-duty packaging applications to the punishing environments on automotive welding equipment or the harsh washdowns in food processing plants.

Economical Solutions with Complete Application Flexibility

The Allen-Bradley WorldProx™ is recognized as the industry's "go-to" inductive proximity sensor for applications requiring a flexible, robust and economical solution. The latest enhancements to the ever-expanding WorldProx™ line bring additional options and features to the industry's broadest line of general purpose sensing solutions.

With an enhanced and diverse range of barrel materials and sizes, sensing distances, output types and connection options, WorldProx™ is our most complete – and fully-configurable – line-up of proximity sensors.

The expanded WorldProx™ 3-wire DC sensor family now offers:

- Standard and 2x extended sensing distance versions (Limited offering of 3x long range sensing versions – consult publication number: 872C-PP002A-EN-P for further details)
- Standard and short body lengths
- Multiple housing options:
 - Nickel-plated brass
 - Stainless steel
 - Plastic
- Shielded or unshielded models
- PNP or NPN, N.O. and N. C. output types
- Multiple cable options and quick disconnect models
- Plus, WorldProx™ sensors all meet IP67 enclosure standards and are UL recognized and CE marked for all applicable directives.



Features

- Cost-effective construction with durable plastic face (PBT)
- Choice of Nickel-plated brass (NPB), Stainless (SST) and Plastic (PBT) barrels
- Standard and extended range detection
- Standard length and short body models available
- Selection of connection options:
 - 2, 5 or 10 meter PVC or PUR cable
 - Mini, Micro (M12) and Pico (M8) quick disconnect styles
- PNP or NPN, normally open (NO) & normally closed (NC) output types in shielded and unshielded models
- 8, 12, 18 and 30 mm IP67 (IEC 529) barrels with 360° visible output indication
- False pulse, reverse polarity, overload, transient noise and short circuit protections
- -25 to 70°C (-13 to 158°F) operating temperature range
- cULus listed and CE marked for all applicable directives

Benefits

- Broad selection, performance and value
- Solves a wide range of OEM machine and automated sensing applications
- Easy installation and diagnostics for reliable operations and maintenance
- Short body styles and extended range sensing for space-challenged and harsh-duty applications

LISTEN.
THINK.
SOLVE.®

General Ordering Information – Standard Length Body

Product Selection – Nickel Plated Brass or Stainless Steel Barrel¹

1. Cat No. listed is for nickel-plated brass barrel. For a stainless steel barrel, replace 872C with 872CT in the Cat. No.
2. Cable style options: E2 at the end of Cat. No. designates PVC cable 2 meters in length. Replace E2 with E5 or E10 for 5 or 10 meters length. For PUR cable replace E2 with J2, J5 or J10 for 2, 5 or 10 meters length.

Barrel Diameter	Nominal Sensing Distance	Standard or Extended Range	Shielded or Unshielded	Output Configuration		Pico QD Style		Micro QD Style	Mini QD Style	Cable Style PVC 2 Meter	Cable Style PUR 2 Meter
8 mm	2 mm	Std range	Shld	Source	NO	872C-D2NP8-P3	872C-D2NP8-D4			872C-D2NP8-E2	872C-D2NP8-J2
					NC	872C-D2CP8-P3	872C-D2CP8-D4		872C-D2CP8-E2	872C-D2CP8-J2	
				Sink	NO	872C-D2NN8-P3	872C-D2NN8-D4		872C-D2NN8-E2	872C-D2NN8-J2	
					NC	872C-D2CN8-P3	872C-D2CN8-D4		872C-D2CN8-E2	872C-D2CN8-J2	
	3 mm		Unshld	Source	NO	872C-D3NP8-P3	872C-D3NP8-D4		872C-D3NP8-E2	872C-D3NP8-J2	
					NC	872C-D3CP8-P3	872C-D3CP8-D4		872C-D3CP8-E2	872C-D3CP8-J2	
				Sink	NO	872C-D3NN8-P3	872C-D3NN8-D4		872C-D3NN8-E2	872C-D3NN8-J2	
					NC	872C-D3CN8-P3	872C-D3CN8-D4		872C-D3CN8-E2	872C-D3CN8-J2	
		Shld	Source	NO	872C-M3NP8-P3	872C-M3NP8-D4		872C-M3NP8-E2	872C-M3NP8-J2		
				NC	872C-M3CP8-P3	872C-M3CP8-D4		872C-M3CP8-E2	872C-M3CP8-J2		
			Sink	NO	872C-M3NN8-P3	872C-M3NN8-D4		872C-M3NN8-E2	872C-M3NN8-J2		
				NC	872C-M3CN8-P3	872C-M3CN8-D4		872C-M3CN8-E2	872C-M3CN8-J2		
	4 mm	Unshld	Source	NO	872C-N4NP8-P3	872C-N4NP8-D4		872C-N4NP8-E2	872C-N4NP8-J2		
				NC	872C-N4CP8-P3	872C-N4CP8-D4		872C-N4CP8-E2	872C-N4CP8-J2		
			Sink	NO	872C-N4NN8-P3	872C-N4NN8-D4		872C-N4NN8-E2	872C-N4NN8-J2		
				NC	872C-N4CN8-P3	872C-N4CN8-D4		872C-N4CN8-E2	872C-N4CN8-J2		
12 mm	3 mm	Std range	Shld	Source	NO	872C-D3NP12-P3	872C-D3NP12-D4			872C-D3NP12-E2	872C-D3NP12-J2
					NC	872C-D3CP12-P3	872C-D3CP12-D4		872C-D3CP12-E2	872C-D3CP12-J2	
				Sink	NO	872C-D3NN12-P3	872C-D3NN12-D4		872C-D3NN12-E2	872C-D3NN12-J2	
					NC	872C-D3CN12-P3	872C-D3CN12-D4		872C-D3CN12-E2	872C-D3CN12-J2	
	4 mm		Unshld	Source	NO	872C-D4NP12-P3	872C-D4NP12-D4		872C-D4NP12-E2	872C-D4NP12-J2	
					NC	872C-D4CP12-P3	872C-D4CP12-D4		872C-D4CP12-E2	872C-D4CP12-J2	
				Sink	NO	872C-D4NN12-P3	872C-D4NN12-D4		872C-D4NN12-E2	872C-D4NN12-J2	
					NC	872C-D4CN12-P3	872C-D4CN12-D4		872C-D4CN12-E2	872C-D4CN12-J2	
		Shld	Source	NO	872C-M4NP12-P3	872C-M4NP12-D4		872C-M4NP12-E2	872C-M4NP12-J2		
				NC	872C-M4CP12-P3	872C-M4CP12-D4		872C-M4CP12-E2	872C-M4CP12-J2		
			Sink	NO	872C-M4NN12-P3	872C-M4NN12-D4		872C-M4NN12-E2	872C-M4NN12-J2		
				NC	872C-M4CN12-P3	872C-M4CN12-D4		872C-M4CN12-E2	872C-M4CN12-J2		
	8 mm	Unshld	Source	NO	872C-N8NP12-P3	872C-N8NP12-D4		872C-N8NP12-E2	872C-N8NP12-J2		
				NC	872C-N8CP12-P3	872C-N8CP12-D4		872C-N8CP12-E2	872C-N8CP12-J2		
			Sink	NO	872C-N8NN12-P3	872C-N8NN12-D4		872C-N8NN12-E2	872C-N8NN12-J2		
				NC	872C-N8CN12-P3	872C-N8CN12-D4		872C-N8CN12-E2	872C-N8CN12-J2		
18 mm	5 mm	Std range	Shld	Source	NO	872C-D5NP18-P3	872C-D5NP18-D4	872C-D5NP18-N4		872C-D5NP18-E2	872C-D5NP18-J2
					NC	872C-D5CP18-P3	872C-D5CP18-D4	872C-D5CP18-N4		872C-D5CP18-E2	872C-D5CP18-J2
				Sink	NO	872C-D5NN18-P3	872C-D5NN18-D4	872C-D5NN18-N4		872C-D5NN18-E2	872C-D5NN18-J2
					NC	872C-D5CN18-P3	872C-D5CN18-D4	872C-D5CN18-N4		872C-D5CN18-E2	872C-D5CN18-J2
	8 mm		Unshld	Source	NO	872C-D8NP18-P3	872C-D8NP18-D4	872C-D8NP18-N4		872C-D8NP18-E2	872C-D8NP18-J2
					NC	872C-D8CP18-P3	872C-D8CP18-D4	872C-D8CP18-N4		872C-D8CP18-E2	872C-D8CP18-J2
				Sink	NO	872C-D8NN18-P3	872C-D8NN18-D4	872C-D8NN18-N4		872C-D8NN18-E2	872C-D8NN18-J2
					NC	872C-D8CN18-P3	872C-D8CN18-D4	872C-D8CN18-N4		872C-D8CN18-E2	872C-D8CN18-J2
	12 mm	Shld	Source	NO	872C-M8NP18-P3	872C-M8NP18-D4	872C-M8NP18-N4		872C-M8NP18-E2	872C-M8NP18-J2	
				NC	872C-M8CP18-P3	872C-M8CP18-D4	872C-M8CP18-N4		872C-M8CP18-E2	872C-M8CP18-J2	
			Sink	NO	872C-M8NN18-P3	872C-M8NN18-D4	872C-M8NN18-N4		872C-M8NN18-E2	872C-M8NN18-J2	
				NC	872C-M8CN18-P3	872C-M8CN18-D4	872C-M8CN18-N4		872C-M8CN18-E2	872C-M8CN18-J2	
		Unshld	Source	NO	872C-N12NP18-P3	872C-N12NP18-D4	872C-N12NP18-N4		872C-N12NP18-E2	872C-N12NP18-J2	
				NC	872C-N12CP18-P3	872C-N12CP18-D4	872C-N12CP18-N4		872C-N12CP18-E2	872C-N12CP18-J2	
			Sink	NO	872C-N12NN18-P3	872C-N12NN18-D4	872C-N12NN18-N4		872C-N12NN18-E2	872C-N12NN18-J2	
				NC	872C-N12CN18-P3	872C-N12CN18-D4	872C-N12CN18-N4		872C-N12CN18-E2	872C-N12CN18-J2	
30 mm	10 mm	Std range	Shld	Source	NO		872C-D10NP30-D4	872C-D10NP30-N4		872C-D10NP30-E2	872C-D10NP30-J2
					NC		872C-D10CP30-D4	872C-D10CP30-N4		872C-D10CP30-E2	872C-D10CP30-J2
				Sink	NO		872C-D10NN30-D4	872C-D10NN30-N4		872C-D10NN30-E2	872C-D10NN30-J2
					NC		872C-D10CN30-D4	872C-D10CN30-N4		872C-D10CN30-E2	872C-D10CN30-J2
	15 mm		Unshld	Source	NO		872C-D15NP30-D4	872C-D15NP30-N4		872C-D15NP30-E2	872C-D15NP30-J2
					NC		872C-D15CP30-D4	872C-D15CP30-N4		872C-D15CP30-E2	872C-D15CP30-J2
				Sink	NO		872C-D15NN30-D4	872C-D15NN30-N4		872C-D15NN30-E2	872C-D15NN30-J2
					NC		872C-D15CN30-D4	872C-D15CN30-N4		872C-D15CN30-E2	872C-D15CN30-J2
	20 mm	Shld	Source	NO		872C-M15NP30-D4	872C-M15NP30-N4		872C-M15NP30-E2	872C-M15NP30-J2	
				NC		872C-M15CP30-D4	872C-M15CP30-N4		872C-M15CP30-E2	872C-M15CP30-J2	
			Sink	NO		872C-M15NN30-D4	872C-M15NN30-N4		872C-M15NN30-E2	872C-M15NN30-J2	
				NC		872C-M15CN30-D4	872C-M15CN30-N4		872C-M15CN30-E2	872C-M15CN30-J2	
		Unshld	Source	NO		872C-N20NP30-D4	872C-N20NP30-N4		872C-N20NP30-E2	872C-N20NP30-J2	
				NC		872C-N20CP30-D4	872C-N20CP30-N4		872C-N20CP30-E2	872C-N20CP30-J2	
			Sink	NO		872C-N20NN30-D4	872C-N20NN30-N4		872C-N20NN30-E2	872C-N20NN30-J2	
				NC		872C-N20CN30-D4	872C-N20CN30-N4		872C-N20CN30-E2	872C-N20CN30-J2	
Recommended standard OD cordset (-6F = 1.8 m (6 ft), -2 = 2 m (6.5 ft))			889P-F3AB-2	889D-F4AC-2	889N-F4AFC-6F						

General Ordering Information – Short Length Body

Product Selection – Nickel Plated Brass or Stainless Steel Barrel¹

1. Cat No. listed is for nickel-plated brass barrel. For a stainless steel barrel, replace 872C with 872CT in the Cat. No.
2. Cable style options: E2 at the end of Cat. No. designates PVC cable 2 meters in length. Replace E2 with E5 or E10 for 5 or 10 meters length. For PUR cable replace E2 with J2, J5 or J10 for 2, 5 or 10 meters length.

Barrel Diameter	Nominal Sensing Distance	Standard or Extended Range	Shielded or Unshielded	Output Configuration		Pico QD Style		Micro QD Style	Mini QD Style	Cable Style PVC 2 Meter	Cable Style PUR 2 Meter
8 mm	2 mm	Std range	Shld	Source	NO	872C-DH2NP8-P3	872C-DH2NP8-D4			872C-DH2NP8-E2	872C-DH2NP8-J2
					NC	872C-DH2CP8-P3	872C-DH2CP8-D4			872C-DH2CP8-E2	872C-DH2CP8-J2
				Sink	NO	872C-DH2NN8-P3	872C-DH2NN8-D4			872C-DH2NN8-E2	872C-DH2NN8-J2
					NC	872C-DH2CN8-P3	872C-DH2CN8-D4			872C-DH2CN8-E2	872C-DH2CN8-J2
	3 mm		Unshld	Source	NO	872C-DH3NP8-P3	872C-DH3NP8-D4			872C-DH3NP8-E2	872C-DH3NP8-J2
					NC	872C-DH3CP8-P3	872C-DH3CP8-D4			872C-DH3CP8-E2	872C-DH3CP8-J2
				Sink	NO	872C-DH3NN8-P3	872C-DH3NN8-D4			872C-DH3NN8-E2	872C-DH3NN8-J2
					NC	872C-DH3CN8-P3	872C-DH3CN8-D4			872C-DH3CN8-E2	872C-DH3CN8-J2
	4 mm	X-ed range	Shld	Source	NO	872C-MH3NP8-P3	872C-MH3NP8-D4			872C-MH3NP8-E2	872C-MH3NP8-J2
					NC	872C-MH3CP8-P3	872C-MH3CP8-D4			872C-MH3CP8-E2	872C-MH3CP8-J2
				Sink	NO	872C-MH3NN8-P3	872C-MH3NN8-D4			872C-MH3NN8-E2	872C-MH3NN8-J2
					NC	872C-MH3CN8-P3	872C-MH3CN8-D4			872C-MH3CN8-E2	872C-MH3CN8-J2
			Unshld	Source	NO	872C-NH4NP8-P3	872C-NH4NP8-D4			872C-NH4NP8-E2	872C-NH4NP8-J2
					NC	872C-NH4CP8-P3	872C-NH4CP8-D4			872C-NH4CP8-E2	872C-NH4CP8-J2
				Sink	NO	872C-NH4NN8-P3	872C-NH4NN8-D4			872C-NH4NN8-E2	872C-NH4NN8-J2
					NC	872C-NH4CN8-P3	872C-NH4CN8-D4			872C-NH4CN8-E2	872C-NH4CN8-J2
12 mm	3 mm	Std range	Shld	Source	NO	872C-DH3NP12-P3	872C-DH3NP12-D4			872C-DH3NP12-E2	872C-DH3NP12-J2
					NC	872C-DH3CP12-P3	872C-DH3CP12-D4			872C-DH3CP12-E2	872C-DH3CP12-J2
				Sink	NO	872C-DH3NN12-P3	872C-DH3NN12-D4			872C-DH3NN12-E2	872C-DH3NN12-J2
					NC	872C-DH3CN12-P3	872C-DH3CN12-D4			872C-DH3CN12-E2	872C-DH3CN12-J2
	4 mm		Unshld	Source	NO	872C-DH4NP12-P3	872C-DH4NP12-D4			872C-DH4NP12-E2	872C-DH4NP12-J2
					NC	872C-DH4CP12-P3	872C-DH4CP12-D4			872C-DH4CP12-E2	872C-DH4CP12-J2
				Sink	NO	872C-DH4NN12-P3	872C-DH4NN12-D4			872C-DH4NN12-E2	872C-DH4NN12-J2
					NC	872C-DH4CN12-P3	872C-DH4CN12-D4			872C-DH4CN12-E2	872C-DH4CN12-J2
	8 mm	X-ed range	Shld	Source	NO	872C-MH4NP12-P3	872C-MH4NP12-D4			872C-MH4NP12-E2	872C-MH4NP12-J2
					NC	872C-MH4CP12-P3	872C-MH4CP12-D4			872C-MH4CP12-E2	872C-MH4CP12-J2
				Sink	NO	872C-MH4NN12-P3	872C-MH4NN12-D4			872C-MH4NN12-E2	872C-MH4NN12-J2
					NC	872C-MH4CN12-P3	872C-MH4CN12-D4			872C-MH4CN12-E2	872C-MH4CN12-J2
			Unshld	Source	NO	872C-NH8NP12-P3	872C-NH8NP12-D4			872C-NH8NP12-E2	872C-NH8NP12-J2
					NC	872C-NH8CP12-P3	872C-NH8CP12-D4			872C-NH8CP12-E2	872C-NH8CP12-J2
				Sink	NO	872C-NH8NN12-P3	872C-NH8NN12-D4			872C-NH8NN12-E2	872C-NH8NN12-J2
					NC	872C-NH8CN12-P3	872C-NH8CN12-D4			872C-NH8CN12-E2	872C-NH8CN12-J2
18 mm	5 mm	Std range	Shld	Source	NO	872C-DH5NP18-P3	872C-DH5NP18-D4	872C-DH5NP18-N4	872C-DH5NP18-E2	872C-DH5NP18-J2	
					NC	872C-DH5CP18-P3	872C-DH5CP18-D4	872C-DH5CP18-N4	872C-DH5CP18-E2	872C-DH5CP18-J2	
				Sink	NO	872C-DH5NN18-P3	872C-DH5NN18-D4	872C-DH5NN18-N4	872C-DH5NN18-E2	872C-DH5NN18-J2	
					NC	872C-DH5CN18-P3	872C-DH5CN18-D4	872C-DH5CN18-N4	872C-DH5CN18-E2	872C-DH5CN18-J2	
	8 mm		Unshld	Source	NO	872C-DH8NP18-P3	872C-DH8NP18-D4	872C-DH8NP18-N4	872C-DH8NP18-E2	872C-DH8NP18-J2	
					NC	872C-DH8CP18-P3	872C-DH8CP18-D4	872C-DH8CP18-N4	872C-DH8CP18-E2	872C-DH8CP18-J2	
				Sink	NO	872C-DH8NN18-P3	872C-DH8NN18-D4	872C-DH8NN18-N4	872C-DH8NN18-E2	872C-DH8NN18-J2	
					NC	872C-DH8CN18-P3	872C-DH8CN18-D4	872C-DH8CN18-N4	872C-DH8CN18-E2	872C-DH8CN18-J2	
	12 mm	X-ed range	Shld	Source	NO	872C-MH8NP18-P3	872C-MH8NP18-D4	872C-MH8NP18-N4	872C-MH8NP18-E2	872C-MH8NP18-J2	
					NC	872C-MH8CP18-P3	872C-MH8CP18-D4	872C-MH8CP18-N4	872C-MH8CP18-E2	872C-MH8CP18-J2	
				Sink	NO	872C-MH8NN18-P3	872C-MH8NN18-D4	872C-MH8NN18-N4	872C-MH8NN18-E2	872C-MH8NN18-J2	
					NC	872C-MH8CN18-P3	872C-MH8CN18-D4	872C-MH8CN18-N4	872C-MH8CN18-E2	872C-MH8CN18-J2	
			Unshld	Source	NO	872C-NH12NP18-P3	872C-NH12NP18-D4	872C-NH12NP18-N4	872C-NH12NP18-E2	872C-NH12NP18-J2	
					NC	872C-NH12CP18-P3	872C-NH12CP18-D4	872C-NH12CP18-N4	872C-NH12CP18-E2	872C-NH12CP18-J2	
				Sink	NO	872C-NH12NN18-P3	872C-NH12NN18-D4	872C-NH12NN18-N4	872C-NH12NN18-E2	872C-NH12NN18-J2	
					NC	872C-NH12CN18-P3	872C-NH12CN18-D4	872C-NH12CN18-N4	872C-NH12CN18-E2	872C-NH12CN18-J2	
30 mm	10 mm	Std range	Shld	Source	NO		872C-DH10NP30-D4	872C-DH10NP30-N4	872C-DH10NP30-E2	872C-DH10NP30-J2	
					NC		872C-DH10CP30-D4	872C-DH10CP30-N4	872C-DH10CP30-E2	872C-DH10CP30-J2	
				Sink	NO		872C-DH10NN30-D4	872C-DH10NN30-N4	872C-DH10NN30-E2	872C-DH10NN30-J2	
					NC		872C-DH10CN30-D4	872C-DH10CN30-N4	872C-DH10CN30-E2	872C-DH10CN30-J2	
	15 mm		Unshld	Source	NO		872C-DH15NP30-D4	872C-DH15NP30-N4	872C-DH15NP30-E2	872C-DH15NP30-J2	
					NC		872C-DH15CP30-D4	872C-DH15CP30-N4	872C-DH15CP30-E2	872C-DH15CP30-J2	
				Sink	NO		872C-DH15NN30-D4	872C-DH15NN30-N4	872C-DH15NN30-E2	872C-DH15NN30-J2	
					NC		872C-DH15CN30-D4	872C-DH15CN30-N4	872C-DH15CN30-E2	872C-DH15CN30-J2	
	20 mm	X-ed range	Shld	Source	NO		872C-MH15NP30-D4	872C-MH15NP30-N4	872C-MH15NP30-E2	872C-MH15NP30-J2	
					NC		872C-MH15CP30-D4	872C-MH15CP30-N4	872C-MH15CP30-E2	872C-MH15CP30-J2	
				Sink	NO		872C-MH15NN30-D4	872C-MH15NN30-N4	872C-MH15NN30-E2	872C-MH15NN30-J2	
					NC		872C-MH15CN30-D4	872C-MH15CN30-N4	872C-MH15CN30-E2	872C-MH15CN30-J2	
			Unshld	Source	NO		872C-NH20NP30-D4	872C-NH20NP30-N4	872C-NH20NP30-E2	872C-NH20NP30-J2	
					NC		872C-NH20CP30-D4	872C-NH20CP30-N4	872C-NH20CP30-E2	872C-NH20CP30-J2	
				Sink	NO		872C-NH20NN30-D4	872C-NH20NN30-N4	872C-NH20NN30-E2	872C-NH20NN30-J2	
					NC		872C-NH20CN30-D4	872C-NH20CN30-N4	872C-NH20CN30-E2	872C-NH20CN30-J2	
Recommended standard OD cordset (-6F = 1.8 m (6 ft), -2 = 2 m (6.5 ft))											
						889P-F3AR-2	889D-F4AC-2	889N-F4AF-6F			

General Ordering Information – Standard Length Body

Product Selection – Plastic Barrel

1. Cable style options: E2 at the end of Cat. No. designates **PVC** cable 2 meters in length. Replace E2 with E5 or E10 for 5 or 10 meters length. For **PUR** cable replace E2 with J2, J5 or J10 for 2, 5 or 10 meters length.

Barrel Diameter	Nominal Sensing Distance	Standard or Extended Range	Shielded or Unshielded	Output Configuration		Micro QD Style	Cable Style PVC 2 Meter	Cable Style PUR 2 Meter
12 mm	3 mm	Std range	Shld	Source	NO	872CP-D3NP12-D4	872CP-D3NP12-E2	872CP-D3NP12-J2
					NC	872CP-D3CP12-D4	872CP-D3CP12-E2	872CP-D3CP12-J2
			Sink	NO	872CP-D3NN12-D4	872CP-D3NN12-E2	872CP-D3NN12-J2	
				NC	872CP-D3CN12-D4	872CP-D3CN12-E2	872CP-D3CN12-J2	
	4 mm	Std range	Unshld	Source	NO	872CP-D4NP12-D4	872CP-D4NP12-E2	872CP-D4NP12-J2
					NC	872CP-D4CP12-D4	872CP-D4CP12-E2	872CP-D4CP12-J2
			Sink	NO	872CP-D4NN12-D4	872CP-D4NN12-E2	872CP-D4NN12-J2	
				NC	872CP-D4CN12-D4	872CP-D4CN12-E2	872CP-D4CN12-J2	
	8 mm	X-ed range	Shld	Source	NO	872CP-M4NP12-D4	872CP-M4NP12-E2	872CP-M4NP12-J2
					NC	872CP-M4CP12-D4	872CP-M4CP12-E2	872CP-M4CP12-J2
			Sink	NO	872CP-M4NN12-D4	872CP-M4NN12-E2	872CP-M4NN12-J2	
				NC	872CP-M4CN12-D4	872CP-M4CN12-E2	872CP-M4CN12-J2	
				Source	NO	872CP-N8NP12-D4	872CP-N8NP12-E2	872CP-N8NP12-J2
					NC	872CP-N8CP12-D4	872CP-N8CP12-E2	872CP-N8CP12-J2
				Sink	NO	872CP-N8NN12-D4	872CP-N8NN12-E2	872CP-N8NN12-J2
					NC	872CP-N8CN12-D4	872CP-N8CN12-E2	872CP-N8CN12-J2
18 mm	5 mm	Std range	Shld	Source	NO	872CP-D5NP18-D4	872CP-D5NP18-E2	872CP-D5NP18-J2
					NC	872CP-D5CP18-D4	872CP-D5CP18-E2	872CP-D5CP18-J2
			Sink	NO	872CP-D5NN18-D4	872CP-D5NN18-E2	872CP-D5NN18-J2	
				NC	872CP-D5CN18-D4	872CP-D5CN18-E2	872CP-D5CN18-J2	
	8 mm	Std range	Unshld	Source	NO	872CP-D8NP18-D4	872CP-D8NP18-E2	872CP-D8NP18-J2
					NC	872CP-D8CP18-D4	872CP-D8CP18-E2	872CP-D8CP18-J2
			Sink	NO	872CP-D8NN18-D4	872CP-D8NN18-E2	872CP-D8NN18-J2	
				NC	872CP-D8CN18-D4	872CP-D8CN18-E2	872CP-D8CN18-J2	
	12 mm	X-ed range	Shld	Source	NO	872CP-M8NP18-D4	872CP-M8NP18-E2	872CP-M8NP18-J2
					NC	872CP-M8CP18-D4	872CP-M8CP18-E2	872CP-M8CP18-J2
			Sink	NO	872CP-M8NN18-D4	872CP-M8NN18-E2	872CP-M8NN18-J2	
				NC	872CP-M8CN18-D4	872CP-M8CN18-E2	872CP-M8CN18-J2	
				Source	NO	872CP-N12NP18-D4	872CP-N12NP18-E2	872CP-N12NP18-J2
					NC	872CP-N12CP18-D4	872CP-N12CP18-E2	872CP-N12CP18-J2
				Sink	NO	872CP-N12NN18-D4	872CP-N12NN18-E2	872CP-N12NN18-J2
					NC	872CP-N12CN18-D4	872CP-N12CN18-E2	872CP-N12CN18-J2
30 mm	10 mm	Std range	Shld	Source	NO	872CP-D10NP30-D4	872CP-D10NP30-E2	872CP-D10NP30-J2
					NC	872CP-D10CP30-D4	872CP-D10CP30-E2	872CP-D10CP30-J2
			Sink	NO	872CP-D10NN30-D4	872CP-D10NN30-E2	872CP-D10NN30-J2	
				NC	872CP-D10CN30-D4	872CP-D10CN30-E2	872CP-D10CN30-J2	
	15 mm	Std range	Unshld	Source	NO	872CP-D15NP30-D4	872CP-D15NP30-E2	872CP-D15NP30-J2
					NC	872CP-D15CP30-D4	872CP-D15CP30-E2	872CP-D15CP30-J2
			Sink	NO	872CP-D15NN30-D4	872CP-D15NN30-E2	872CP-D15NN30-J2	
				NC	872CP-D15CN30-D4	872CP-D15CN30-E2	872CP-D15CN30-J2	
	20 mm	X-ed range	Shld	Source	NO	872CP-M15NP30-D4	872CP-M15NP30-E2	872CP-M15NP30-J2
					NC	872CP-M15CP30-D4	872CP-M15CP30-E2	872CP-M15CP30-J2
			Sink	NO	872CP-M15NN30-D4	872CP-M15NN30-E2	872CP-M15NN30-J2	
				NC	872CP-M15CN30-D4	872CP-M15CN30-E2	872CP-M15CN30-J2	
			Source	NO	872CP-N20NP30-D4	872CP-N20NP30-E2	872CP-N20NP30-J2	
				NC	872CP-N20CP30-D4	872CP-N20CP30-E2	872CP-N20CP30-J2	
			Sink	NO	872CP-N20NN30-D4	872CP-N20NN30-E2	872CP-N20NN30-J2	
				NC	872CP-N20CN30-D4	872CP-N20CN30-E2	872CP-N20CN30-J2	
	Recommended standard QD cordset (-6F = 1.8 m (6 ft), -2 = 2 m (6.5 ft))					889D-F4AC-2		

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