

### M12 Smartclick Type XS5



#### Benefits of Smartclick

- **Fast, One-step Connection**  
Short locking rotation of 1/8th of a turn greatly reduces time and effort when wiring
- **Tactical Click**  
An audible "click" and tactical response tells you that the Connector is securely locked
- **Backward Compatibility**  
Possible to connect with standard screw-type M12 connector
- **Degree of protection**  
Maintain IP67 requirement

Connector Types	Model	Appearance
<b>Connectors attached to Cable</b>	XS2W, XS3W, XS5W: Sockets and Plugs on Cable Ends	
	XS2F, XS3F, XS5F : Sockets on One Cable End	
	XS2H, XS3H, XS5H: Plugs on One Cable End	
<b>Connector Assemblies (Crimping, Soldering, or Screw-on)</b> To enable using connectors for sensor cables and relay cables	XS2G, XS5G: Plug Assemblies	
	XS2C, XS5C: Socket Assemblies	

### E3FA / E3FB Photoelectric Sensors with the M12 XS2F Premium Cable



### E3ZM-C Oil-Resistant Photoelectric Sensor with the M8 XS3F Premium PUR Cable



### E3X-HD Fiber Optic Amplifier with the M8 XS3F Standard Cable



### E2E Proximity Sensors with the M8 XS3F and M12 XS2F Cables



# XS Cordsets

## Navigation Guide

Size	Product Line	Price Level	Wire Size	Type of Connector	Current Rating	Voltage Rating	Ambient Temp Rating (Operation)	IP Rating	Color	Cable Material	Standard Approvals	Number of Pins	Top Part Numbers													
M8	XS3F - Standard	\$	PVC: AWG23 (32 Strands/0.1mm diameter) PUR: AWG22 (42 Strands/0.1mm diameter)	Straight or Angled	1 Amp	125 VDC, 250 VAC	-10°C to 80°C	IP67	Black	PVC or PUR	UL US	3, 4	XS3F-M8PVC4S2M XS3F-M8PUR4S2M													
														XS3F - Premium	\$\$	XS3F-A: AWG 24 (18 Strands/0.12 mm diameter) XS3F-R: AWG 24 (40 Strands/0.08 mm diameter)	Straight or Angled	1 Amp	125 VDC, 250 VAC	-25°C to 70°C	IP67	Dark Gray	PVC	N/A	4, 5	XS3F-M421-402-A XS3F-M421-402-R
M12	XS2F - Standard	\$	PVC: AWG23 (32 Strands/0.1mm diameter) PUR: AWG22 (42 Strands/0.1mm diameter)	Straight or Angled	4 Amp	125 VDC, 250 VAC	-10°C to 80°C	IP67	Black	PVC or PUR	UL US	3, 4, 5	XS2F-M12PVC4S2M XS2F-M12PUR4S2M													
														XS2F - Premium	\$\$	AWG 20 (110 Strands/0.08 mm diameter)	Straight or Angled	3 Amp	125 VDC, 250 VAC	-25°C to 70°C	IP67	Light Gray	PVC	UL US	4, 5, 8	XS2F-D421-D80-F
XS2F - Premium	XS5 - Premium SMARTCLICK	\$\$	PVC: AWG 20 (110 Strands/0.08 mm diameter) PUR: AWG 20 (45 Strands/0.12 mm diameter)	Straight or Angled	4 Amp	125 VDC, 250 VAC	-25°C to 70°C	IP67	Light Gray	PVC or PUR	UL US	4	XS5F-D421-D80-F XS5F-D421-D80-P													

Size	Product Line	Price Level	Wire Size	Type of Connector	Current Rating	Voltage Rating	Ambient Temp Rating (Operation)	IP Rating	Color	Cable Material	Standard Approvals	Number of Pins	Cable Termination	Top Part Numbers
M12 Field Attachable Connectors	XS2C & XS2G	\$	N/A	Straight or Angled	4 Amp	125 VDC, 250 VAC	-10°C to 80°C	IP67	Black	PBT Resin	UL US	4, 5	Soldering, crimping, screwing	XS2C-D451 (socket), XS2G-D421 (plug)