

# M8/M12 CABLE ASSEMBLIES

TE's M8/M12 cable assemblies are available as single-ended or double-ended and as straight or angled versions. Various cable types, colors and lengths offer a flexible design that can be used in combination with TE's male/female connectors and I/O Modules.

## Standard (IEC):

IEC 61076-2-104 for all M8 series and  
IEC 61076-2-101 for all M12 series

## Operating temperature:

Connectors: -25°C to +85°C

## Cables:

- PVC: -5°C to +80°C Flexible  
-30°C to +80°C Fixed
- PUR: -25°C to +80°C (90°C max. 10.000h) Flexible  
-40°C to +80°C (90°C max. 10.000h) Fixed

## Connector Contacts:

Current rating per contact is 4 A

## Shielding: Yes/No

Refer to drawing

## Suitable Cable Diameter:

Refer to drawing

## IP Rating:

IP65/67

## Application Areas:

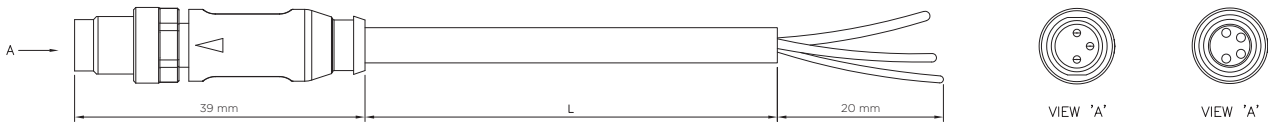
- PUR: For use in demanding environments with required resistance to oils, chemicals and abrasion
- PUR/PVC: For use assembly and production lines requiring higher cut, abrasion and chemical resistance
- PVC: For use in less demanding environments with required oil, chemical and lubricant resistance



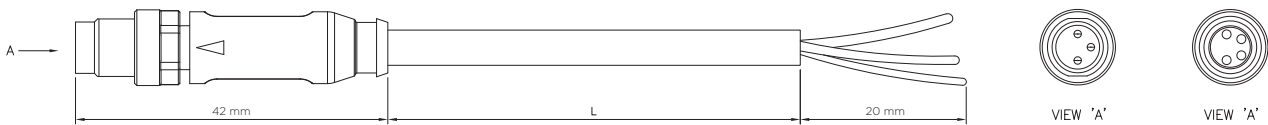
# M8 Cable Assemblies

## M8 Series Male

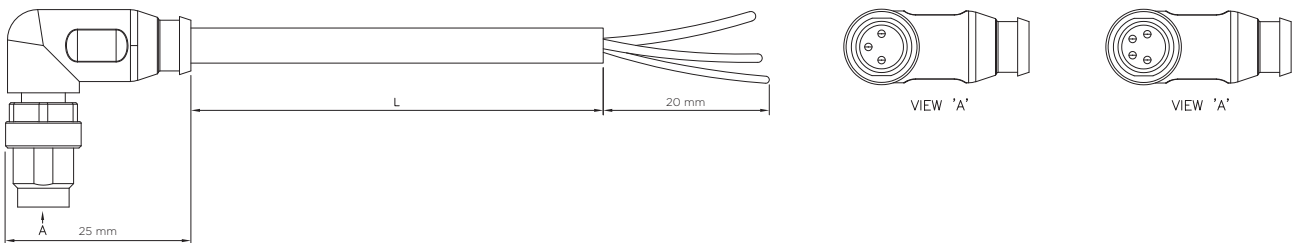
TE Part Number	Description	Available In
2273000	M8 x 1.0 Straight plug Pigtail	3 positions PUR or PVC, Lengths: 1.5m / 3.0m / 5.0m / 10.0m
2273002	M8 x 1.0 Straight plug Pigtail	4 positions PUR or PVC, Lengths: 1.5m / 3.0m / 5.0m / 10.0m



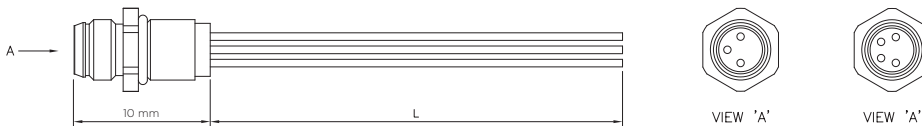
TE Part Number	Description	Available In
2273004	M8 x 1.0 Straight plug Pigtail Shielded	3 positions PUR or PVC, Lengths: 1.5m / 3.0m / 5.0m / 10.0m
2273006	M8 x 1.0 Straight plug Pigtail	4 positions PUR or PVC, Lengths: 1.5m / 3.0m / 5.0m / 10.0m



TE Part Number	Description	Available In
2273008	M8 x 1.0 Angled plug Pigtail	3 positions PUR or PVC, Lengths: 1.5m / 3.0m / 5.0m / 10.0m
2273010	M8 x 1.0 Angled plug Pigtail	4 positions PUR or PVC, Lengths: 1.5m / 3.0m / 5.0m / 10.0m



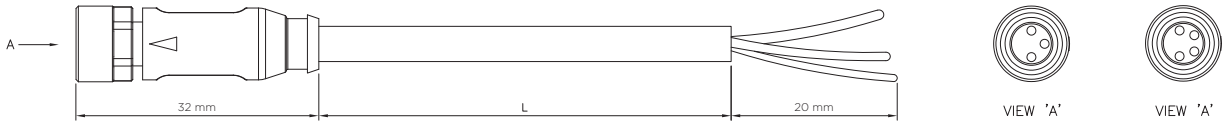
TE Part Number	Description	Available In
2273014	M8 Male Panel Mount Rear	3 positions Panel Mount, Lengths: 0.2m
2273230	M8 Male Panel Mount Rear	4 positions Panel Mount, Length: 0.2m



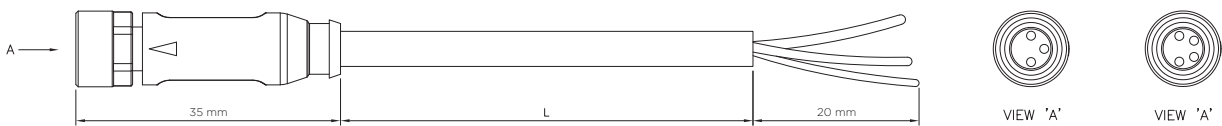
# M8 Cable Assemblies

## M8 Series Female

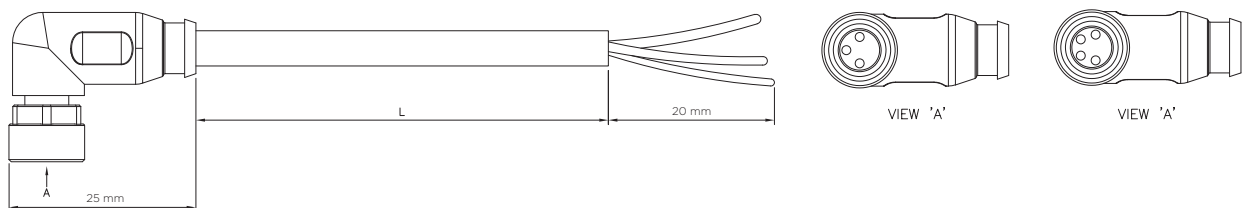
TE Part Number	Description	Available In
2273001	M8 x 1.0 Straight socket Pigtail	3 and 4 positions PUR or PVC, Lengths: 1.5 m / 3.0 m / 5.0 m / 10.0 m



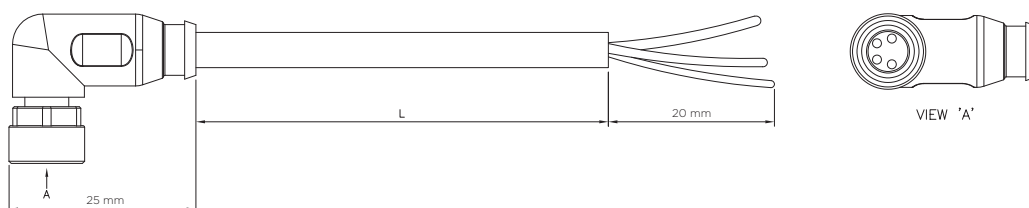
TE Part Number	Description	Available In
2273005	M8 x 1.0 Straight socket Pigtail Shielded	3 and 4 positions PUR or PVC, Lengths: 1.5 m / 3.0 m / 5.0 m / 10.0 m



TE Part Number	Description	Available In
2273009	M8 x 1.0 Angled socket Pigtail	3 and 4 positions PUR or PVC, Lengths: 1.5 m / 3.0 m / 5.0 m / 10.0 m



TE Part Number	Description	Available In
2273012	M8 x 1.0 Angled socket Pigtail LED	4 positions PUR or PVC, Lengths: 1.5 m / 3.0 m / 5.0 m / 10.0 m



TE Part Number	Description	Available In
2273013	M8 Female Panel Mount Rear	3 positions Panel Mount, Length: 0.2m
2273015	M8 Female Panel Mount Rear	4 positions Panel Mount, Length: 0.2m

