

MQ15 female 90° with cable 600V AC type 3

PUR 6x2.5 bk UL/CSA+drag ch. 20m

Female 90° MQ15, 6-pole with cable sleeves

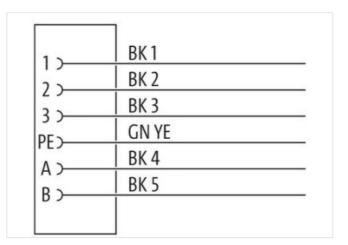
Plastic housings with good resistance against chemicals and oils.

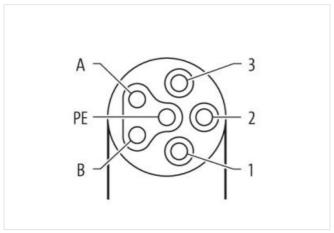
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

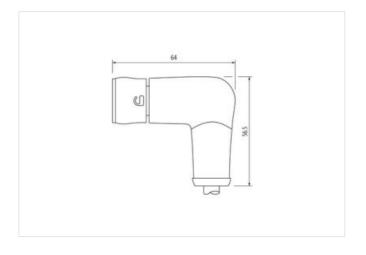
Link to Product

Illustration









Product may differ from Image











Cable length

20 m

Side 1

Mounting method inserted, locked



Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal Ø)	18 mm
Cable outlet	angled
Coding	Type 3
Material contact	Copper alloy
No. of poles	6
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Stripping length (jacket)	100 mm
Commercial data	
ECLASS-12.0	27060327
customs tariff number	85444290
GTIN	4065909061022
Packaging unit	1
Electrical data Supply	
Operating voltage AC per power contact max.	600 V
Operating voltage AC per signal contact max.	63 V
Operating voltage DC per signal contact max.	63 V
Operating current per power contact max.	16 A
Operating current per signal contact max.	10 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	100 mm
Installation Pin assignment	
Coding	Type 3
Configuration	fully used
Device protection Electrical	
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage power contacts	6 kV
Rated surge voltage signal contacts	1,5 kV
Material group (IEC 60664-1)	ı
Mechanical data Material data	
Material housing	PUR
Material contact carrier	PA
Locking material	POM
Mechanical data Mounting data	
Looking techniques	bayonet-locking
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	



stay connected

Product standard

IEC 61076-2-116

Cable identification P63 Gable Type 3 Gable Gentificate CURus CURus CURus Current load Capacity (wire) Gable Weight P27,7 g/m Material jacket PUR Shore hardness jacket PUR Gable Weight PUR Gable Weight PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Gable Weight PUR Gable Weight PUR Shore hardness jacket PUR Shore hardness jacket PUR Gable Weight PUR Ga		
Cable Injuge 3 Jacket Color black Type of Cartificate clother Type of Cartificate clo	Installation Cable	
Cable Injuge 3 Jacket Color black Type of Cartificate clother Type of Cartificate clo	wire arrangement	black 5, black 4, black 3, black 2, black 1, green-yellow
Jacket Color Type of Corflicate CURUS Stranding Swise around Filler wises Filler yes Wes wire arrangement Sables S, Black 4, black 3, black 2, black 1, green-yellow Cable weigth 227,7 g/m Material jacket PUR Shore hardness wire insulation PP POR Shore hardness wire insulation PR Shore hardness wire insulation PUR Shore hardness wire insulation (Pala) PUR Shore hardness wire insulation (Pal	Cable identification	
Jacket Color Type of Corflicate CURUS Stranding Swise around Filler wises Filler yes Wes wire arrangement Sables S, Black 4, black 3, black 2, black 1, green-yellow Cable weigth 227,7 g/m Material jacket PUR Shore hardness wire insulation PP POR Shore hardness wire insulation PR Shore hardness wire insulation PUR Shore hardness wire insulation (Pala) PUR Shore hardness wire insulation (Pal	Cable Type	3
Stranding	Jacket Color	black
Stranding	Type of Certificate	cURus
Filler yes wire arrangement black 6, black 2, black 2, black 1, groen yellow		
wire arrangement black 5, black 4, black 3, black 2, black 1, green-yellow Cable weight 227.7 p/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 10.5 mm Oldure-diameter (jacket) 10.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 6 Outer diameter insulation 2.85 mm Outer diameter insulation 2.85 mm Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, sillicone-free Amount strands (wire) 1.40 Diameter of single wires 0.15 mm Conductor pressection (wire) 2.5 mm² Material conductor wire Stranded copper wire, bare Conductor pressection (wire) 2.5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Shore bardness wire insulation (Data) 60 ± 5 Shore D Nominal voltage (wire) 1000 V Current load capacity (sandard) 10 DIN VDE	Filler	
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Shore hardness jacket 90 ± 5 Shore A		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	•	
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Gasoline resistance Good, application-related testing DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3,3 m/s @ 25 °C No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3,3 m/s @ 25 °C No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3,3 m/s @ 25 °C No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3,3 m/s @ 25 °C No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	Oil resistance	DIN EN 60811-404 Good, application-related testing
No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3,3 m/s @ 25 °C No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	Bending radius (fixed)	5 x Outer diameter
Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3,3 m/s @ 25 °C No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track) 3,3 m/s @ 25 °C No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Travel speed (C-track) 3,3 m/s @ 25 °C No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	Traversing distance (C-track)	5 m @ 25 °C
No. of torsion cycles 2 Mio. 25 °C Torsion stress ± 180 °/m @ 25 °C	Travel speed (C-track)	
Torsion stress ± 180 °/m @ 25 °C	No. of torsion cycles	
Torsion speed 35 cycles/min 25 °C	Torsion stress	± 180 °/m @ 25 °C
	Torsion speed	35 cycles/min 25 °C