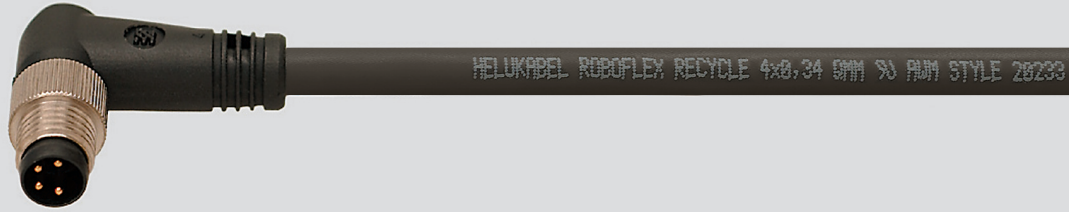


# ROBOFLEX®-recycle M8 plug, straight or angled, pre-assembled on one side, 3-pin and 4-pin



## Technical data

- **Approval:**  
UL/cUL approved
- **Production**  
in accordance with VDE standards
- **Temperature range:**  
fixed installation -40°C to +105°C  
flexible -30°C to +105°C
- **Nominal voltage:**  
300 V
- **Test voltage:**  
2000 V
- **Minimum bending radius:**  
7.5 x cable diameter (for flexible installation)
- **Traversing speed:**  
max. 3.3 m/s for 5 m of horizontal traverse path length
- **Acceleration:**  
max. 5 m/s<sup>2</sup>
- **Flexing and torsion cycles:**  
min. 10 million.
- **Torsional stress:**  
+/- 360°/m

## Cable structure

- Bare copper litz wire, 42 x 0.10 mm
- Core insulation polyester, black, blue, brown
- Cores stranded in layers
- Sheath, special mix
- weld splatter resistant, dull, low adhesion, flame retardant and self-extinguishing to DIN VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1
- Sheath colour: black

### Assembly (3-pin)

colour of cores brown, blue, black

AD 4,9 +/- 0,2 mm

### Assembly (4-pin)

colour of cores brown, blue, black, white

AD 5,2 +/- 0,2 mm

## Properties

- very good resistance to oil as per DIN VDE 0473-811-404/DIN EN 60811-404
- good resistance to acids, alkalis and solvents
- not cross-linked
- weld splatter resistant
- recyclable
- halogen-free
- Silicone and cadmium-free
- Free of substances harmful to paint adhesion Substances
- very high mechanical load capacity
- abrasion resistant
- wear-resistant
- Highly flexible
- UV-resistant
- ROHS conformant
- CE conformant

## Note

IP67

A-coded

Part no.	Cable type / cross-sec. mm <sup>2</sup>	Length m	Plug type	Cop. weight kg / 1000 pcs.
670660	ROBOFLEX®-recycle 3 x 0,34	1,5	plug, straight	14,7
670661	ROBOFLEX®-recycle 3 x 0,34	3,0	plug, straight	29,4
670662	ROBOFLEX®-recycle 3 x 0,34	5,0	plug, straight	49,0
670663	ROBOFLEX®-recycle 3 x 0,34	10,0	plug, straight	98,0
670664	ROBOFLEX®-recycle 3 x 0,34	1,5	plug, angled	14,7
670665	ROBOFLEX®-recycle 3 x 0,34	3,0	plug, angled	29,4
670666	ROBOFLEX®-recycle 3 x 0,34	5,0	plug, angled	29,4
670667	ROBOFLEX®-recycle 3 x 0,34	10,0	plug, angled	98,0
670676	ROBOFLEX®-recycle 4 x 0,34	1,5	plug, straight	19,7
670677	ROBOFLEX®-recycle 4 x 0,34	3,0	plug, straight	39,3
670678	ROBOFLEX®-recycle 4 x 0,34	5,0	plug, straight	65,5
670679	ROBOFLEX®-recycle 4 x 0,34	10,0	plug, straight	131,0
670680	ROBOFLEX®-recycle 4 x 0,34	1,5	plug, angled	19,7
670681	ROBOFLEX®-recycle 4 x 0,34	3,0	plug, angled	39,3
670682	ROBOFLEX®-recycle 4 x 0,34	5,0	plug, angled	65,5
670683	ROBOFLEX®-recycle 4 x 0,34	10,0	plug, angled	131,0

Dimensions and specifications may be changed without prior notice.