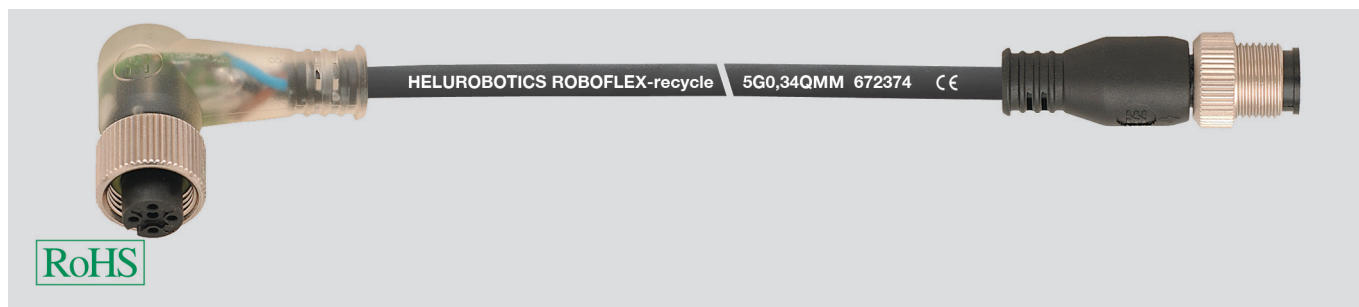


ROBOFLEX®-recycle M12 4-pin + PE both ends pre-assembled



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/s²
- **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 (5-pin)**
colour of cores brown, blue, black, white, green/yellow
AD 5,5 +/- 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-codiart

both ends pre-assembled

Part no.	Cable type / cross-sec. mm ²	Length m	Plug type	Cop. weight kg / 1000 pcs.	
672303	ROBOFLEX®-recycle 5 G 0,34	1,0	plug straight / socket straight	16,5	-
672304	ROBOFLEX®-recycle 5 G 0,34	1,5	plug straight / socket straight	24,8	-
672306	ROBOFLEX®-recycle 5 G 0,34	3,0	plug straight / socket straight	49,5	-
672307	ROBOFLEX®-recycle 5 G 0,34	5,0	plug straight / socket straight	82,5	-
672309	ROBOFLEX®-recycle 5 G 0,34	10,0	plug straight / socket straight	165,0	-
672443	ROBOFLEX®-recycle 5 G 0,34	1,0	plug angled / socket angled	16,5	-
672444	ROBOFLEX®-recycle 5 G 0,34	1,5	plug angled / socket angled	24,8	-
672446	ROBOFLEX®-recycle 5 G 0,34	3,0	plug angled / socket angled	49,5	-
672447	ROBOFLEX®-recycle 5 G 0,34	5,0	plug angled / socket angled	82,5	-
672449	ROBOFLEX®-recycle 5 G 0,34	10,0	plug angled / socket angled	165,0	-
672313	ROBOFLEX®-recycle 5 G 0,34	1,0	plug straight / socket angled	16,5	-
672314	ROBOFLEX®-recycle 5 G 0,34	1,5	plug straight / socket angled	24,8	-
672316	ROBOFLEX®-recycle 5 G 0,34	3,0	plug straight / socket angled	49,5	-
672317	ROBOFLEX®-recycle 5 G 0,34	5,0	plug straight / socket angled	82,5	-
672319	ROBOFLEX®-recycle 5 G 0,34	10,0	plug straight / socket angled	165,0	-

both ends pre-assembled, 3 LED (gn, rd, ye)

Part no.	Cable type / cross-sec. mm ²	Length m	Plug type	Cop. weight kg / 1000 pcs.	
672333	ROBOFLEX®-recycle 5 G 0,34	1,0	plug straight / socket straight with 3 LED	16,5	-
672334	ROBOFLEX®-recycle 5 G 0,34	1,5	plug straight / socket straight with 3 LED	24,8	-
672336	ROBOFLEX®-recycle 5 G 0,34	3,0	plug straight / socket straight with 3 LED	49,5	-
672337	ROBOFLEX®-recycle 5 G 0,34	5,0	plug straight / socket straight with 3 LED	82,5	-
672339	ROBOFLEX®-recycle 5 G 0,34	10,0	plug straight / socket straight with 3 LED	165,0	-
672373	ROBOFLEX®-recycle 5 G 0,34	1,0	plug angled / socket angled with 3 LED	16,5	-
672374	ROBOFLEX®-recycle 5 G 0,34	1,5	plug angled / socket angled with 3 LED	24,8	-
672376	ROBOFLEX®-recycle 5 G 0,34	3,0	plug angled / socket angled with 3 LED	49,5	-
672377	ROBOFLEX®-recycle 5 G 0,34	5,0	plug angled / socket angled with 3 LED	82,5	-
672379	ROBOFLEX®-recycle 5 G 0,34	10,0	plug angled / socket angled with 3 LED	165,0	-
672323	ROBOFLEX®-recycle 5 G 0,34	1,0	plug straight / socket angled with 3 LED	16,5	-
672324	ROBOFLEX®-recycle 5 G 0,34	1,5	plug straight / socket angled with 3 LED	24,8	-
672326	ROBOFLEX®-recycle 5 G 0,34	3,0	plug straight / socket angled with 3 LED	49,5	-
672327	ROBOFLEX®-recycle 5 G 0,34	5,0	plug straight / socket angled with 3 LED	82,5	-
672329	ROBOFLEX®-recycle 5 G 0,34	10,0	plug straight / socket angled with 3 LED	165,0	-

Dimensions and specifications may be changed without prior notice.