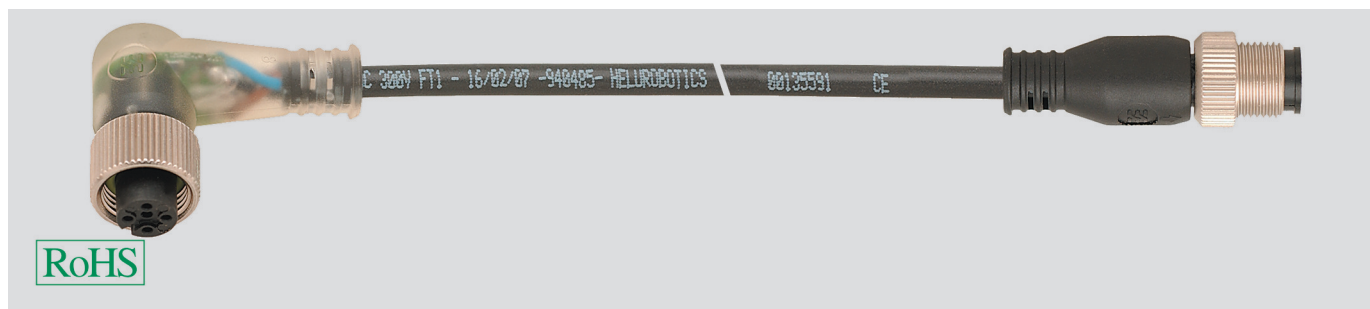


ROBOFLEX®-recycle M12 sensor cable 4-pin + PE one end pre-assembled



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-coded

plug or socket one end pre-assembled

Part no.	Cable type / cross-sec. mm ²	Length m	Plug type	Cop. weight kg / 1000 pcs.	
672393	ROBOFLEX®-recycle 5 G 0,34	1,0	plug, straight	16,5	-
672394	ROBOFLEX®-recycle 5 G 0,34	1,5	plug, straight	24,8	-
672396	ROBOFLEX®-recycle 5 G 0,34	3,0	plug, straight	49,5	-
672397	ROBOFLEX®-recycle 5 G 0,34	5,0	plug, straight	82,5	-
672399	ROBOFLEX®-recycle 5 G 0,34	10,0	plug, straight	165,0	-
672403	ROBOFLEX®-recycle 5 G 0,34	1,0	plug, angled	16,5	-
672404	ROBOFLEX®-recycle 5 G 0,34	1,5	plug, angled	24,8	-
672406	ROBOFLEX®-recycle 5 G 0,34	3,0	plug, angled	49,5	-
672407	ROBOFLEX®-recycle 5 G 0,34	5,0	plug, angled	82,5	-
672409	ROBOFLEX®-recycle 5 G 0,34	10,0	plug, angled	165,0	-
672343	ROBOFLEX®-recycle 5 G 0,34	1,0	socket straight	16,5	-
672344	ROBOFLEX®-recycle 5 G 0,34	1,5	socket straight	24,8	-
672346	ROBOFLEX®-recycle 5 G 0,34	3,0	socket straight	49,5	-
672347	ROBOFLEX®-recycle 5 G 0,34	5,0	socket straight	82,5	-
672349	ROBOFLEX®-recycle 5 G 0,34	10,0	socket straight	165,0	-
672353	ROBOFLEX®-recycle 5 G 0,34	1,0	socket angled	16,5	-
672354	ROBOFLEX®-recycle 5 G 0,34	1,5	socket angled	24,8	-
672356	ROBOFLEX®-recycle 5 G 0,34	3,0	socket angled	49,5	-
672357	ROBOFLEX®-recycle 5 G 0,34	5,0	socket angled	82,5	-
672359	ROBOFLEX®-recycle 5 G 0,34	10,0	socket angled	165,0	-

socket one end pre-assembled, 3 LED (gn, rd, ye)

Part no.	Cable type / cross-sec. mm ²	Length m	Plug type	Cop. weight kg / 1000 pcs.	
672413	ROBOFLEX®-recycle 5 G 0,34	1,0	socket straight with 3 LED	16,5	-
672414	ROBOFLEX®-recycle 5 G 0,34	1,5	socket straight with LED	24,8	-
672416	ROBOFLEX®-recycle 5 G 0,34	3,0	socket straight with 3 LED	49,5	-
672417	ROBOFLEX®-recycle 5 G 0,34	5,0	socket straight with 3 LED	82,5	-
672419	ROBOFLEX®-recycle 5 G 0,34	10,0	socket straight with 3 LED	165,0	-
672363	ROBOFLEX®-recycle 5 G 0,34	1,0	socket angled with 3 LED	16,5	-
672364	ROBOFLEX®-recycle 5 G 0,34	1,5	socket angled with LED	24,8	-
672366	ROBOFLEX®-recycle 5 G 0,34	3,0	socket angled with 3 LED	49,5	-
672367	ROBOFLEX®-recycle 5 G 0,34	5,0	socket angled with 3 LED	82,5	-
672369	ROBOFLEX®-recycle 5 G 0,34	10,0	socket angled with 3 LED	165,0	-

Dimensions and specifications may be changed without prior notice.