

## FPRC

# FlexPendant Retractable Cable for Omnicore TPU4



ABB's FPRC is an automatic cable winding system for teach pendants. Spring driven, the system is a fast and easy way to maintain a clear and safe work area. And thanks to its spring-loaded retraction system, the FPRC automatically wraps the teach pendant cable inside the reel.

ABB's spring-loaded FlexPendant Retractable Cable system, the FPRC, is certified to ensure a safe work area. By keeping teach pendant cables off the production floor and out of the way of equipment, cable damage is reduced. The FPRC has been tested to minimize noise frequency on cables and to reduce signal loss.

### Optional

- Increased IP rating protection against water, oil and high temperature in particular work areas
- Different length on request
- Additional harness addapter to provide compatibility of TPU4 with E10 and IRC5 controllers

### Compatibility




- This version of FPRC is compatible with TPU4 only
- Older FPRCs cannot be used with TPU4, but continue to be sold for older TPUs (3HAC047724-XXX)

### Features

- Structural elements made of plastic shockproof material
- Flexible polyurethane cable with black line to prevent twists and other damage; cable resistant to abrasion, oil and coolants, fireproof
- Mouth cable guide roller for easy return of the cable
- Stop device inserted every 50 cm
- Steel fixing bracket for the rotation
- Spring recovery at high resistance
- Cable stays clean and protected from accidental damage
- Standard length of 4 m, 10 m and 20 m in addition to 2.5 m fixed
- Ground contact
- Integrated brake to limit speed retraction
- Complies with standard UNI EN ISO 13849-1 e 2, CEI EN 60204-1, UNI EN ISO 10218-1, EN 61242-A1
- Filter to clean the cable
- Internal shielding against electromagnetic fields
- New dark grey color for better visual identification of Omnicore TPU4 generation

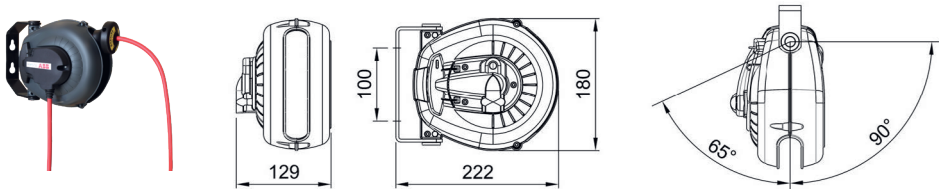
Product	Cable length	Product number
FPRC Mini	4 m	3HAC086287-003
FPRC Medium	10 m	3HAC086287-001
FPRC Large	20 m	3HAC086287-002
Harness adapter for E10	0,4 m	3HAC077870-001
Harness adapter for IRC5	0,4 m	3HAC087068-001

Compatibility configuration

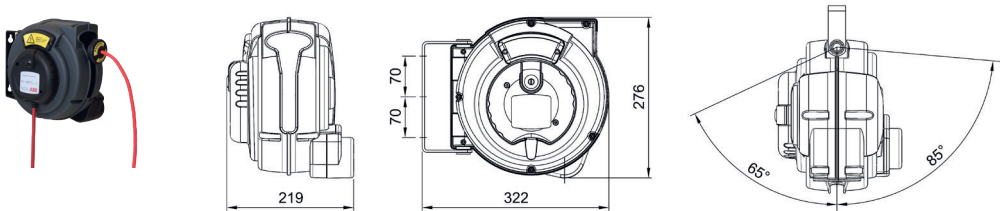
Controller version	Harness adapter		FPRC and TPU4	
E10	+		+	
C30, C90XT, V250XT	+	NONE	+	
IRC5	+		+	

Dimensions

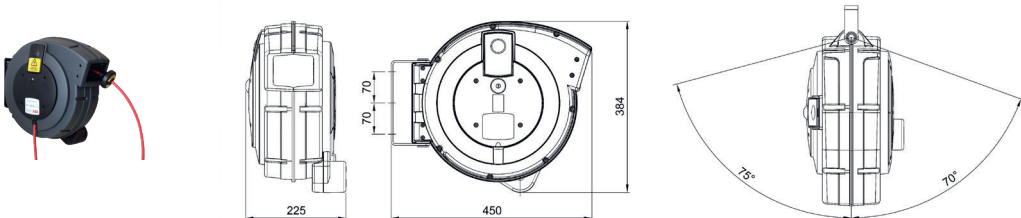
Size:	H x L x P	
Mini	222 x 180 x 129	For 4 m version



Size:	H x L x P	
Medium	322 x 276 x 219	For 10 m version



Size:	H x L x P	
Large	450 x 384 x 225	For 20 m version



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