

# near (RXDataTypeFn)

b2boptic → items → item → pair → lens → rxDataFn → near



|                           |                                                |
|---------------------------|------------------------------------------------|
| <b>sphere</b>             |                                                |
| <b>type</b>               | float                                          |
| <b>unity</b>              | dpt                                            |
| <b>occurs</b>             | 1                                              |
| <b>description</b>        | sphere of the lens                             |
| <b>cylinder</b>           |                                                |
| <b>type</b>               | Cylinder                                       |
| <b>occurs</b>             | 0..1                                           |
| <b>addition</b>           |                                                |
| <b>type</b>               | float                                          |
| <b>unity</b>              | dpt                                            |
| <b>occurs</b>             | 0..1                                           |
| <b>description</b>        | addition of the lens                           |
| <b>prism</b>              |                                                |
| <b>type</b>               | Prism                                          |
| <b>occurs</b>             | 0..2                                           |
| <b>description</b>        | if only one element, it is the resulting prism |
| <b>trialFrame</b>         |                                                |
| <b>type</b>               | TrialFrame                                     |
| <b>occurs</b>             | 0..1                                           |
| <b>description</b>        | adjustments of TrialFrame                      |
| <b>glassesArrangement</b> |                                                |
| <b>type</b>               | GlassesArrangement                             |
| <b>occurs</b>             | 1..6                                           |
| <b>description</b>        | glasses Arrangement of TrialFrame              |

```
<xs:complexType name="RXDataTypeFn">
  <xs:sequence>
    <xs:choice>
      <xs:sequence>
        <xs:element name="sphere" type="xs:float"/>
        <xs:element name="cylinder" type="Cylinder" minOccurs="0"/>
        <xs:element name="prism" minOccurs="0" maxOccurs="2">
          <xs:complexType>
            <xs:complexContent>
              <xs:extension base="Prism">
                <xs:attribute name="calculationNeeded" type="xs:boolean"/>
              </xs:extension>
            </xs:complexContent>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

```
<xs:element name="trialFrame" type="TrialFrame" minOccurs="0"/>
</xs:sequence>
<xs:sequence>
  <xs:element name="glassesArrangement" type="GlassesArrangement"
maxOccurs="6"/>
  <xs:element name="trialFrame" type="TrialFrame"/>
</xs:sequence>
</xs:choice>
</xs:sequence>
</xs:complexType>
```

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